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Callaghan warning on South Georgia

DIPLOMACY

It would be gross dereliction of duty for the Government to persist in withdrawing HMS Endurance, from the South Atlantic, Mr James Callaghan, former Prime Minister, said during exchanges on the Argentine landing in South Georgia. Mr Richard Luce, Minister of State, Foreign and Commonwealth Office, said that the Government was making arrangements to ensure the early departure of the six to 10 Argentines left at Leith Harbour after the landing.

Mr Luce said that recent actions had not created a helpful atmosphere and it was not sensible in that climate to discuss further progress on the Falkland Islands with the Argentine. The ship which had transported the Argentine party was a naval transport ship.

In his statement, Mr Luce said: We were informed on March 20 by the Commander of the British Antarctic Survey Base at Grytviken on South Georgia that a party of Argentines had made a landing at Leith Harbour near by.

The base commander informed the Argentine party that their presence was illegal as they had not obtained his prior authority for the landing.

We immediately took the matter up with the Argentine authorities in Buenos Aires and the Argentine Embassy in London and, following our approach, the ship and most of the personnel left on March 21. However, the base commander has reported that a small number of men and some equipment remain. We are therefore making arrangements to ensure their early departure.

Mr Denis Healey, chief Opposition spokesman on foreign and Commonwealth Affairs (Leeds, East, Lab) is not sure that Mr Luce did not refer to the Argentine party planting the Argentine flag on the island?

After his talks with the Argentine representatives in New York recently the Argentine

government said that unless it got a satisfactory agreement, it would take unilateral action. Has he any evidence that the recent action was in fulfilment of that threat?

Mr Luce: For a short period the Argentine flag was planted. It has been removed.

Mr Luce: The Argentine flag was planted in a good spirit and was not about the substance of the issue but about how we can adopt procedures to discuss the dispute in the longer term.

Since then, I regret that some action has been taken which has not created a helpful atmosphere. In that climate it is not sensible to discuss making further progress.

It is important that, if we wish progress, we should not do it against a background of threats and provocation.

Mr Healey: Is there any evidence that this action by Argentine citizens took place with the support or knowledge of the Argentine Government?

Mr Luce: The Argentine Government claimed that it did not know of the action, which was taken by a commercial company. But the House will need to know that the ship which transported the party there, a cargo vessel, is a naval transport ship.

Sir Bernard Braine (South Essex, Con): While it is important to maintain the islanders' morale, it is pointless to go on asserting that the islands will remain British as long as the inhabitants wish to remain there while withdrawing signs of tangible support like the survey vessel. Will the Government give a commitment to the islanders in this time of some anxiety?

Mr Luce: This Government is committed to support and defend the islands and to cut taxes.

Mr Alan Beith (Berwick upon Tweed, Lab): That is not the impression the Foreign Office is giving. It is not clear that this escapee have been encouraged by the British Government's stance over the leaseback proposal.

Will Mr Luce make clear that

self-determination for the islanders will be a cornerstone of that we will stand by?

Mr Luce: Yes. There will be no question of any changes on the islands without the consent of the islanders. Their wishes are paramount. Equally, we would not do anything without the consent of the House.

Mr James Callaghan (Cardiff, South-East, Lab): Mr Luce was warned that as soon as the news of the withdrawal of HMS Endurance became known to the Argentine this sort of escapee would be likely.

Mr Nicholas Winterbottom (Macclesfield, Con): The incidents of the last few days are tantamount to an invasion of an independent country whether or not the personnel were sponsored by a commercial company or not. Will Mr Luce ensure that HMS Endurance or a similar vessel remains on station in those parts?

Mr Luce: It is not for me to answer specifically for the Secretary of State for Defence about the deployment of forces.

Mr Healey: The Government has put itself in a situation where it has decided to withdraw HMS Endurance. The only option open to it is to ask the Australian government to allow HMS Invincible to spend time around the Falkland Islands on its way to serve in the Royal Australian Navy. (Laughter.)

Mr Luce: The position about our responsibility to the islands is as I have stated.

Mr Michael Morris (Morpeth, South, Con): What exactly is "tangible support" in South Georgia and the Falkland Islands?

Mr Luce: We will take and are taking firm action to deal with the situation. HMS Endurance is there now.

Mr Eric Ogden (Liverpool, West Derby, SDP): Is he saying that a party of 50 or 60 Argentine Steptoes on a contract paid for and undertaken from Edinburgh and Buenos Aires in an operation organised and controlled from Edinburgh and Buenos Aires



Ogden: Argentine steptoes.



Healey: Send Invincible.

were able to land on British territory in a massive operation without the Foreign and Commonwealth Office, the British Government, the Falkland Islands Government, the British Embassy in Buenos Aires or the British authorities in South Georgia being aware of that? Is that prepared?

Mr Luce: There is no question of the British Government having made any concessions. There are no such things as concessions that the British Government has made. The practical situation on the ground is that there was a landing by a party of some 60 people last night. We think that there are somewhere between six and 10 people there at present. We are taking steps to deal with the situation.

Mr John Stokes (Halesowen and Stourbridge, Con): When I was in the Foreign Office, when in trouble you called on a cruiser and the next day it appeared (cheers). Are there sufficient armed forces to defend the Falkland Islands and their dependencies?

Mr Luce: We have a duty to the islands. Our duty is to support and defend them. What is what we shall do.

Mr Douglas Jay (Wandsworth, Battersea, North, Lab): Apart from HMS Endurance, what other defence forces have we in this area?

Mr Luce: Although the details of the deployment of forces for the Secretary of State for Defence it would not be wrong to say that there is a garrison of British marines on the Falkland Islands as well as HMS Endurance.

Mr John Blackburn (Dudley, West, Con): Would he make a commitment that the question of the sovereignty of these islands is not an agenda item for discussion with any foreign power?

Mr Luce: I do not know whether it would be right for me to make a commitment with anybody. We are at a point where we have British sovereignty over the Falkland Islands. It is equally certain that the Argentines claim sovereignty over the islands. This is a dispute. It would be sensible for all the parties if they were to resolve this dispute in a sensible and peaceful fashion. We cannot go against a background of threats.

Protests at naval training cuts

DEFENCE

Considerations are to be initiated with trade unions and, where appropriate, local authorities and other interested bodies about the proposed closure of seven Royal Naval training establishments. Mr Peter Viggers, Minister of State for the Armed Forces, said in a written reply.

The establishments and the dates by which they are to close are: HMS Fishguard, Torpoint, Cornwall, 1983; HMS Phoenix, Portsmouth, 1984; HMS Exmouth, Portsmouth, 1985; HMS Vernon, Portsmouth, 1986; and Fraser Gunnersy Range, Portsmouth, 1986.

Establishments would also close by 1983 as part of the naval base at Chatham, the closure of which had already been announced. In addition, the function of HMS Caledonia at Rosyth will change by 1985 from that of a training establishment to that of a fleet accommodation centre. About 600 new jobs would be created at Rosyth as a result of the expansion of the dockyard.

Mr Viggers also pointed out in the reply that the policy described in the Government's White Paper *The United Kingdom Defence Programme* of reducing peacetime personnel numbers and undertaking more training abroad had the aim of releasing maximum resources for front line combat capability.

Earlier, during questions to the Ministry of Defence, Mr Viggers had been asked by Sir Henry Leach, Chief of Naval Staff, and complained that because the information was being given in a written answer they could not question the minister.

The subject was first raised by Mr Robert Mitchell (Southampton, Ichn, SDP) who said that support for Vicer-Thornycroft added to cuts in naval shipbuilding which caused many redundancies at Vicer-Thornycroft, and the closure of Portsmouth Dockyard, which was having damaging effects on employment prospects in south Hampshire. It was a high price to pay for Trident.

Mr Geoffrey Patten (Bath, Con) asked Mr Viggers to accept the contention that this is part of the price of Trident. We are redoubling our efforts to support Vicer-Thornycroft to obtain export orders.

Mr Peter Viggers (Gosport, Con) When will the minister be in a position to announce the result of the review of training and shipbuilding?

Mr Patten: The Minister of State for the Armed Forces (Mr Peter Viggers) is today answering in a written question that it is proposed, subject to normal consultation procedures, to close certain naval shore establishments.

Phoenix, Excellent, Vernon, and Fraser Gunnersy Range, Portsmouth, and HMS Fishguard, Torpoint. MPs whose constituencies are affected were being kept informed.

Mr Dennis Davies (Llanelli, Lab): Before the Government dismantles the Royal Navy even further (Conservative protests), would the minister guarantee courage to make a statement. It affects many jobs. The Government must rethink its strategy. The whole defence strategy is based on the belief that there was a war in Europe, it would last only a few days. But that war, should it come, would be a war of attrition and the navy would have to play an important part, especially in the East Atlantic.

Mr Patten: If that is Mr Davies' understanding of defence strategy, he should read our White Paper. The decisions announced today are in pursuance of policies announced last July.

Mr Alan Clark (Plymouth, Sutton, Con) said that questions

should be allowed on the written answer which Mr Patten had touched upon.

The statement that MPs whose constituencies were affected would be kept in touch meant that there would be written statements of intentions which did not allow MPs freedom to question ministers on behalf of constituents.

During a later question on the cost of Trident, Mr Alan Clark (Plymouth, Sutton, Con) asked if the Government might pay about £8,000 to £10,000, which would come from the naval estimates of the future, was the reason a written answer was to be made because they were talking about a cutback in conventional weapons?

Mr Patten: The Minister of State for the Armed Forces (Mr Peter Viggers) is today answering in a written question that it is proposed, subject to normal consultation procedures, to close certain naval shore establishments.

On the naval estimates, we have a defence budget, we budget for defence priorities. We have a separate programme for Trident. The defence budget is not a separate programme for Trident. The defence budget is not a separate programme for Trident. The defence budget is not a separate programme for Trident.

Mr Patten: I have already answered that question.

Mr Kenneth Warren (Hastings, Con): Would he confirm that not only is the Soviet army equipped with chemical weapons but they are a front line capability of the Warsaw Pact?

Mr Patten: We know from observations of exercises that the Soviet army is equipped with nuclear, chemical and biological weapons and these have been supplied to satellite countries of the Soviet Union.



Blaker: Written reply annoyed MPs

follow that if we were not to have Trident the naval programme would be any different.

Mr Michael Latham (Melton, Con): Trident is by far the most effective strategic deterrent. So long as these abominable and dreadful weapons exist and the British Government alone is responsible for the defence of these islands it cannot shuffle the responsibility off on to anyone else.

Mr Blaker: I agree. The policy of the Opposition to abandon our strategic nuclear deterrent could not ensure the prospects for peace but would diminish them.

Mr Richard Douglas (Dunfermline, Lab) later said that a planted written reply on the subject was a gross disrespect to the House. This is not open government, (he said), it is subterfuge.

Sir Frederick Burden (Gillingham, Con) said that the minister should have made a statement in the House.

No US request on chemical weapons

The United States Government had no request for permission to store chemical weapons on the United Kingdom and no such request was expected Mr Geoffrey Patten, Under Secretary of State for Defence Procurement, said during questions.

Mr Frank Haynes (Ashfield, Lab) who had raised the question said the answer was not acceptable. Many of us believe (he said) that the Government is hiding behind the Official Secrets Act. Will the Government come from behind that cloak and let the nation know exactly what is going on with chemical weapons?

Mr Patten: He persists in this delusion about this cloak of deceit. I have to repeat there has been no such request nor are we expecting one.

Russians in red to Camden

The Government is carefully considering what action it can take on rate reviews amounting to nearly £50,000 owed to the Camden Borough Council in respect of the Soviet Trade Delegation's premises in that borough. Lord Stewart of Fulham, Secretary of State at the Foreign Office, said during questions.

He told Lord Boyd-Carpenter (Con) who had asked for action to be taken to assist in resolving this long-standing problem and its efforts would continue.

Camden Council have asked for a certificate from the Foreign Office in connection with that point. We are now carefully considering how to respond, Lord Stewart of Fulham (Lab), the former Foreign Secretary, said. Sometime in the eighteenth century somebody served a writ on the Russian ambassador to get a debt due to him and Parliament was so incensed with this proceeding they hurriedly passed an Act making the serving of the writ on an ambassador an offence punishable with corporal punishment. (Laughter.) Lord Stewart: Quite right too.

Anxieties remain over property of Indians

Lord Somers (Ind) said the Bill had been prepared and rushed through Parliament before any consultation with the Indians. It was a shocking example of insincerity and was likely to lead to serious trouble in Canada.

Lord Shovelton said the House could not object to Canada having complete sovereignty over her own affairs. Lord Stewart of Fulham was going a little too far, he said. The Bill had been accepted on second reading and the matter should be left there.

Lord Home of the Hirsel (Con) said Lord Stewart of Fulham wanted to put the Canadian people to a referendum on whether the ownership of property should not be changed without the due process of the law, and second, that the Indians should be compensated if property was taken over.

All my life (he said) I have been trying to impress those principles on the Socialist Party. I am glad they have been converted. (Laughter) But I hope we shall not feel that Parliament should lecture the people of Canada on those principles who, I think, understand them as well as we. (Conservative cheers.)

Lord Stewart of Fulham said there was no question of Labour peers trying to prevent the passage of the Bill. Mr Trudeau said that the British Parliament would pass the Bill "holding its nose." He had not suggested they should pass it holding their tongue. (Labour cheers.) They did not want to wreck the Bill.

Lord Trefgarne said it would not be right for him to offer an interpretation of what was essentially Canadian legislation.

The schedule was approved and the committee stage completed.

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'Healey wanted bad news'

PM's QUESTIONS

The Government believed in covering the majority of its expenditure by taxation and insurance contributions and not, as the last Government did, by a great deal of borrowing. Mrs Margaret Thatcher, the Prime Minister, said during questions.

Mr William Hamilton (Central Fife, Lab) began the exchanges by asking if the Prime Minister would read the Treasury reply to a parliamentary question on the tax effects of the Budget on the average family. He invited her to confirm that successive budgets had resulted in size out of every 10 families in Britain paying substantially more taxes now than they did in 1979.

Does that not give the lie (he went on) to every promise she and her friends made at the last election? (Labour cheers.)

Mrs Thatcher: This Government believes in covering the majority of its expenditure by taxation and insurance contributions and not, as the last Government did, by a great deal of borrowing. (Conservative cheers.) If he wishes to have both lower taxation and lower national insurance contributions he must show precisely where he would cut expenditure, and in particular, if he wishes to have lower national insurance contributions, where he would cut pensions and other benefits.

Mr Denis Healey, Deputy Leader of the Opposition (Leeds, East, Lab): May I thank her for allowing the Treasury to admit

that it has already broken the major promise in which she won the last election to cut taxes (Renewed Labour cheers). Now that the collapse of law and order under her administration has led to a large amount of overseas debt, which the last Government, under her disgraced leadership as Chancellor, left us to repay. No person has done more on the numbers and pay of the police and on morale than the Home Secretary.

The news today on unemployment is good. The numbers are down to below three million. Seasonally adjusted, United Kingdom unemployment increased by only 5 per cent, which is the lowest rise since November, 1979. I recognise that he would prefer the news to be bad. (More Conservative cheers.)

Mr Healey: On law and order and with the continuing increase in unemployment her administration is wrecking every promise

on which she won the last election. (Labour cheers.) Mrs Thatcher: I did not hear all the question, but at least my administration has not got the nation bankrupt as he did.

Mr David Steel, leader of the Liberal Party (Roxburgh, Selkirk and Peebles, Lib) said later: Reverting to the rising crime figures, Mrs Thatcher should study the speech made in Glasgow, Billhead, by her predecessor, Mr Edward Heath when he pointed out that if young people are hanging around the streets, what can we expect, but an increase in crime. Does she agree that that is part of the breakdown of society under the stress of unemployment?

Mrs Thatcher: It is much too simplistic a reply to say there are increases in crime because there are increases in unemployment. Certainly there is more crime today. If his argument is right, the figures would have been at their highest in the 1930s when the proportion of the population unemployed was much higher than today.

There has been a considerable increase in crime throughout a period of increasing prosperity not only in this country, but others as well.

New needs formula endorsed by MPs

SOCIAL SECURITY

The needs allowance formula applied under the Social Security Act 1975 and Housing Benefit Act 1980, which was endorsed by the House of Commons, said Mr John Patten (Bath, Con), chief Opposition spokesman on social security, said when the report stage of the Bill was resumed.

Mr John Patten (Bath, Con) moved a new clause to provide that the needs allowance should not be less than the sum of the supplementary benefit long-term rate and the housing costs. The clause was agreed.

The needs allowance formula, which was introduced in 1975, was based on the national average council house rent, the national average domestic rate and the national average domestic water and sewerage charges. It was based on the prevailing weekly rate of charge appropriate to the size of the household for each category of needs allowance.

The new clause differed from the needs allowance formula in that it would include the whole average domestic rate instead of 40 per cent as the Government proposed, and it would continue to include the housing element in the supplementary benefit long-term figure as opposed to merely the housing benefit.

The Government's intention, surely must be that someone whose average income was equal to the long-term supplementary benefit scale rate on average rent and rates should have 100 per cent of his housing costs paid. The Government's formula did not do that.

be available if the Government wanted to use it.

It was monstrous that the Government was proposing a change in the law while being so sure that it would be successful. There would be no losers, it was the Government's job to make sure there would be none.

Mr Christopher Patten (Bath, Con) said that, if later in the year, it proved that the Treasury had overestimated the likely increase in housing costs as a result of the benefit rates either at the end of the year or retrospectively next year.

He would like an assurance that the Government was prepared to recognize the importance of constructing a new price index for poorer families. As a result of the increase in housing costs as a result of the benefit rates either at the end of the year or retrospectively next year.

Mr Reginald Race (Haringey, Wood Green, Lab) said the Government was proposing a change in the law while being so sure that it would be successful. There would be no losers, it was the Government's job to make sure there would be none.

Mr Patten: If that is Mr Davies' understanding of defence strategy, he should read our White Paper. The decisions announced today are in pursuance of policies announced last July.

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He suspected the Government was hiding a saving that would be made by the Bill and if that was so he wanted to know how much the saving would be for them.

He asked for an assurance that any money saved would be used rather than put back into the general account of the Treasury, to be used to make improvements to the scheme.

The effect of the change in the formula would be to reduce the supplementary benefit by a half per cent less than it would otherwise have been. The Government apparently agreed with that in talking of savings of £90m. At a time when the recipients of supplementary benefit were likely to top £1 million for the first time that was an unwarranted penalty on the poorest in society.

The Government ought to give an assurance it would stick by the new formula and would not abandon it if it did not prove favourable, as had happened with the tax and prices index.

The Opposition did not want the Government to bring in a Rossi Price Index in place of the retail price index only suddenly to drop it when it worked against expectations.

If the housing costs were being taken out of the RPI because they were no longer relevant to the poorest sector, there needed to be more sensitive measurement of the weekly budget of the poorest.

The formula should be made truly representative of the poorest 25 per cent, and not averaged out as it was with the RPI at present.

It had been said that simplifying the benefit scheme would produce a possibly more blunty scheme for the first few weeks but result in a saving of a thousand civil servants.

If that was still Government policy the likely effect would be that the poor would be deprived of their rights and they would suffer from the Government rushing to save civil service jobs in order to show it had kept some of its pledges.

The Government could not guarantee that as a result of the Bill there would be no losers under the new scheme and said it would cost £35m to do so. That had to be set against the likely £90m, saved by introducing the new formula. The money would

be available if the Government wanted to use it.

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Heart transplants

Mr Kenneth Clarke, Minister for Health, in a written reply, said he understood that six patients at Papworth Hospital and three at Harfield Hospital had been accepted and were currently waiting for a heart transplant.

The new clause was rejected by 202 votes to 145. Government majority 57.

CANADA BILL

A puzzling omission from the schedule to the Canada Bill would seem to be the Canadian charter of rights and freedoms was any explicit reference to the right of the people not to be deprived of their property. Lord Stewart of Fulham, Secretary of State at the Foreign Office, said in the House of Lords during the committee stage of the bill which patriates the Constitution.

He said during a debate on the schedule, that he would have expected the Bill to contain an explicit provision to put the question of the ownership of property or otherwise, could not have their land taken away from them. There was a good reason after legal proceedings and with proper compensation.

Lord Trefgarne, Under Secretary of State for Foreign and Commonwealth Affairs, said he could not help on this. It was not a matter for the British Government.



Trefgarne: Could not help the House

ment had no part in the framing of these provisions and was not responsible for what was included or omitted.

Lady Gaskin (Lab) said that everyone in Canada had sovereignty except the Indians who were a colonial people. Surely the House could express an opinion on that?

Lord Stewart of Fulham said he saw Lord Trefgarne's difficulty as a spokesman of the Government but his question of land ownership, particularly as it affected the Indians, was important. There was a lack of any constitutional safeguards.

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Merger means new university for Ulster

By Diana Goddes, Education Correspondent

The New University of Ulster as Coleraine and the Polytechnic are to merge to form a multi-site university, with a strong emphasis on vocational and continuing education, the Government announced yesterday.

The Chilver report on higher education in Northern Ireland, which was also published yesterday, advised against a merger on grounds that it would be unlikely to achieve significant economies, would increase the dominance of the Belfast institutions, and would give rise to disruptive administrative difficulties.

Mr. Nicholas Scott, Minister of State for Northern Ireland, said at a press conference in London yesterday that there was no question of Coleraine University being closed or downgraded. The Government had simply decided to join two institutions.

The higher education review group for Northern Ireland, chaired by Sir Henry Chilver, which was set up by the Government more than three years ago, recommended that Coleraine University should continue as an independent, smaller, institution with emphasis on non-traditional degree courses.

Mr. Scott said that the Government shared the review group's desire to keep a

higher education base outside Belfast. (The only other Northern Ireland university, Queen's, and the only polytechnic, are both in Belfast.) But it did not believe that the group's recommendations for Coleraine University's future work would give it a worthwhile role.

When Coleraine University was opened in 1968, it was intended that the student body would reach 5,000-6,000 by 1980. The present full-time enrolment is only 1,800.

The A level qualifications of entrants to the Ulster Polytechnic are about the same as those for Coleraine, but the polytechnic, which is described in the Chilver Report as "a young institution which has displayed commendable energy and initiative" is considered successful.

Mr. Scott said that although the Government's plans were intended to provide a blueprint for the future of higher education in Northern Ireland, the details still had to be worked out. He did not expect the new university to come into being before 1984/85.

The Future of Higher Education in Northern Ireland. Report of the higher education review group. (Belfast: Stationery Office, £5.50.) Higher education in Northern Ireland: the future structure. A Government statement. (Department of Education for Northern Ireland, Belfast: Stationery Office, £2.)

Tenants lose move to buy council home

By David Nicholson-Lord

A couple's attempt to secure their own Act of Parliament giving them the right to buy their council house has failed because an estimated 50,000 tenants are in the same position.

Mr and Mrs David Berry, of Catford, south London, submitted a personal Bill seeking to remove an acknowledged anomaly of the Housing Act, 1980, which denies to leasehold, as opposed to freehold tenants the right to buy. The Prime Minister last month attached high priority to remedying the exclusion.

But Mr and Mrs Berry have now been told that the 15-page David and Anne Berry Bill is not technically personal because it affects others, in this case Lewisham Council which refuses to sell, and because their position is not unusual.

Mrs Berry, who bought the freehold of the house and is thus the council's landlord, described the decision, by the Lords' chairman of committees and Commons' chairman of Ways and Means, as frustrating and gossily unfair.

She added: "From the beginning we have been turned down by people in authority and now it has happened again. It seems absurd that when Conservative MPs back us up and the Government supports us, everybody else should have the right to buy except us."



Thirst for travel: Chizzy Lizzy, a lamb aged five weeks, at the Children's section in London Zoo, enjoying a meal yesterday. Three weeks ago the lamb was stolen from the zoo and was later found wandering on the Underground tracks at Chiswick, west London. It is believed children were responsible.

Year's wait for 20% of hip operations

By Annabel Ferriman, Health Services Correspondent

One in five of those waiting for hip replacement operations has to wait more than a year, a report published today says.

Such operations have the longest waiting time of any surgical procedure undertaken by the National Health Service, and patients wait four times longer on average than for other surgery, a report from the Office of Health Economics says.

Seat belt legislation coming into effect later this year could increase the number of hip operations performed, however, by reducing the demand for surgery from road accidents.

The operation which took off in the late 1960s, can transform a patient's life by relieving pain and increasing mobility. Because the results are so good, demand is high.

It is much more readily available in certain parts of the country than others. The median waiting time nationally is five months but it reaches seven months in the West Midlands, Trent and South-western regional health authorities.

The number performed per head of population also varies greatly. In 1978 the rates in Mersey, East Anglia and the Northern region were under half those of Oxford, Wessex and the South-west.

About 18,000 hip replacements were performed on the NHS in 1978, the last year for which full data is available, and an estimated 1,000 to 2,000 in the private sector. The report says demand might be levelling off since the backlog of cases which accumulated when it became apparent that the operation was successful is gradually being cleared. About 200,000 Britons are estimated to have undergone the operation, which costs about £1,200.

The Office of Health Economics, research group financed by the drug industry, says that hip replacement is not an area where the NHS has failed because demand is gradually being met and because the rate per head of population is as good as in the United States.

But it says that rates could improve if better management techniques were used to ensure that operating theatres were used more intensively. It estimates that many operating theatres are used for only 37 weeks a year.

It also recommends that a coding system be introduced to denote how badly a patient needs the operation so priorities can be worked out. The present system is too crude, with usually just two categories recorded: urgent and non-urgent.

The Arthritis and Rheumatism Council yesterday deplored the fact that patients were waiting on average four times longer for hip replacements than for other operations and that "after many years this unsatisfactory and painful state of affairs still persists."

Hip replacement and the NHS, by William Laing and David Taylor (Office of Health Economics, 12 Whitehall, London SW1; £1).

Move to link waterways with Europe

From Ronald Kershaw, Leeds

Plans to develop the commercial potential of the canal and river systems in Yorkshire and Humberside with the long-term objective of a water-borne link with the continental waterways are being implemented by the British Waterways Board. The impetus for the initiative is contained in the 1981 Transport Act, which, for the first time, brings commercial waterways in line with the railways for government grants.

Under the 1968 Transport Act, railway customers could receive direct grants from the Government of up to 50 per cent of the cost of rolling stock, railway lines and handling equipment, provided they could show they could remove the carriage of goods from the road and that environmental benefits would accrue. Under the 1981 Act, using the same criteria, the same government aid is now available to canal users for barges, handling equipment and warehousing.

Mr William Scott, the board's freight manager, north, said last night: "This is the sort of kick we have been waiting for. The Act is just getting under way and we have had one or two applications for aid."

The new deal has already earned the support of three district councils in West Yorkshire, Leeds, Wakefield and Kirklees.

The councils are expected today to put a seal of approval on a campaign to promote the opportunities offered by the waterways to industry, including earmarking prime industrial sites near waterways, helping with access to waterway-based development and in supporting applications for grants under the new Act.

In the long-term, the board hopes to revive the BACAT (barge aboard catamaran) operation which was abandoned after industrial action by Hull dockers about eight years ago. That involved barges being sent to the Humber ports, floated on board a specially constructed catamaran "mother" ship, taken across to Rotterdam and released to navigate the European waterways.

Stansted 'would need top quality farmland'

From John Young, Agriculture Correspondent, Queen's, Essex

Top quality farmland was designated by the British Airports Authority for expansion at Stansted Airport, a public inquiry into proposed development was told yesterday.

The land was well farmed and largely free from significant urbanization, planning and environmental constraints and those factors were reflected in its high output. Most of it was within the grade two classification of the Ministry of Agriculture, Fisheries and Food, Dr Ainsley Ede, an agricultural consultant giving evidence for the National Farmers' union, said.

The long-term value of high quality agricultural land to the nation could not be measured solely in terms of the capitalized value of its output, the inquiry was told. Dr Ede said that planning acknowledged as one of its objectives the protection of high quality farmland as a national resource. Its development was not permitted merely because its value for industrial or commercial use exceeded its agricultural value.

New study on turning rail to road

By Michael Bailey, Transport Correspondent

A fresh study on converting railways to roads has been sent to Mrs Margaret Thatcher after the strike by the Associated Society of Engineers and Firemen and its disastrous effect on British Rail finances. It has been prepared by the Centre for Policy Studies, a non-party think-tank of which the Prime Minister was joint founder with Sir Keith Joseph in 1974 and of which she is still an active supporter.

It argues that converting Britain's railway network into roads would save the taxpayer an immediate £1,000m a year, 2,500 lives a year, remove "tunnage" from residential areas and provide cheaper and more efficient transport.

The report is also being studied by Mr David Howell, Secretary of State for Transport, for its possible application to loss-making commuter lines like that from St Marylebone to Aylesbury. Conversion there would not only save several hundred thousand pounds a year in subsidy but would also release a valuable development site.

Mr Angus Dalgleish, transport engineer and author of the study, argued at a press briefing in London yesterday that political opposition to rail closure sprang from ignorance of the benefits. Many men in high places still had model train sets and were unable to see the issues objectively.

Although road carries nine-tenths of passengers and freight, Britain has only 2,500 km of custom-built road compared with 18,000 km of rail. Mr Dalgleish pointed out. The remainder of the road system was a network of paths stretching back centuries. If asphalted over, the railways would make a magnificent road network.

Lord Thomas, chairman of the Centre for Policy Studies, said the centre was not committed to the study's conclusions but regarded it as an important topic for discussion in a new form. The Truth about Transport, Centre for Policy Studies, 8 Wilfred Street, London SW1E 6PL, (£2.50).



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West Bank violence

Peres attacks Begin's occupation policies

From Christopher Walker, Jerusalem, March 23

As violent protests and a Palestinian general strike continued throughout the West Bank for the fifth consecutive day, the Government of Mr Menachem Begin tonight faced three Knesset motions of no confidence over its policies in the occupied territories.

The parliamentary challenge reflected growing discontent among many Israelis about the repeatedly used tactic of firing live ammunition into crowds of unarmed Arab demonstrators. This has already killed two teenagers and injured at least 10 others since protests began over the dismissal of the elected council of El-Bireh last Thursday.

The opening speaker, Mr Shimon Peres, leader of the Opposition Labour Party, broadened his attack on the right-wing coalition to include its handling of the evacuation of Jewish settlers from Sinai and the deteriorating state of Israel's relations with the United States.

Replying for the Government, Mr Ariel Sharon, the Defence Minister, was subjected to noisy heckling from left-wingers. He said that rather than debating false allegations against the Government, deputies should have been discussing Jordan's recent threat to

impose the death penalty on West Bank Arabs who refused to resign from the new village leagues.

Earlier, Mr Peres had been involved in a bitter exchange with Mr Sharon during a heated session of the Knesset's foreign affairs and defence committee. The opposition leader accused Mr Sharon of labelling all Israeli critics of the Government's hard-line policy as "traitors".

Throughout the day, continuing efforts by the Israeli security forces to break the strike failed to have any noticeable success, and an annexed East Jerusalem 17 Arab merchants were arrested for refusing to obey a military order to reopen their shops.

While bewildered groups of foreign tourists looked on, several hundred Israeli soldiers and mounted policemen patrolled the shuttered streets and alleys near the holy places. At one point, a thick column of black smoke rose high over the walls of the old city as Arab demonstrators set fire to barricades of petrol soaked tyres. Near by, an illegal Palestinian flag was briefly raised.

With tension remaining at a pitch rarely experienced since the occupation in 1967, there were strong indications that further action by the Israelis against the most radical of the allegedly pro-Palestine Liberation Organization (PLO) mayors was imminent.



Collapse of a social experiment

Zurich's A/J, Autonomous Youth Centre, in the Limmatstrasse, was razed to the ground yesterday after its contents, including a handful of squatters, had been removed by police in the early morning (Ian McGregor writes).

Its fate was sealed a week ago

when church and social organizations responsible for its supervision withdrew on the grounds that the premises could no longer serve a constructive purpose and had become a venue for drug pushers and their clients. The municipality, which spent \$225,000 on the building last year, decided

on demolition as the only way to ensure that the centre, once a warehouse, would not again become a focal point for demonstrators with too onset of spring. Similar demolitions have taken place in recent years in other Swiss cities. The site will become a garden.

Sinai solutions 'soon'

From Moshe Brilliant, Tel Aviv, March 23

Dr Osama El-Baz, President Mubarak's special envoy on a mission to Mr Begin, conferred for two hours in Jerusalem today with the Israeli Prime Minister and forecast an early solution of all outstanding issues. He gave no details.

The most pressing is the disagreement about siting 15 border markers on the frontier. Israeli officials have given warning that it will be impossible to complete the withdrawal from Sinai on

promised to reply in a few days.

He added: "I am quite satisfied that the talks and exchange of messages that all outstanding issues will be solved in the immediate future".

Other controversies believed to have been discussed were Israel's demand that President Mubarak visit Jerusalem during a state visit and that sessions of the Palestinian autonomy negotiations be held in the capital.

Soaring defence costs worry Capitol Hill

From Nicholas Ashford, Washington, March 23

A Pentagon report showing that the United States' 44 largest weapons projects are now expected to cost \$114,500m (about £62,500m) more than was estimated three months ago has brought new congressional criticism of the Reagan Administration's huge planned increase in defence spending.

The new estimate, which is contained in a report which the Pentagon is required by law to submit each quarter, comes when the Senate budget committee is completing its work on the 1983 budget.

Senator Peter Domenici, the committee's chairman, has indicated that while he is in favour of strengthening America's defence, he believes the Administration's \$258,000 defence budget for 1983 is too high. His committee is to call for a 5 per cent increase in defence spending compared with the 18 per cent increase proposed by the Administration.

The soaring costs of military programmes are causing concern among both Republicans and Democrats on

Capitol Hill. "If cost are rising so sharply now, what will be like over the next few years?" remarked a congressional aide.

The cost of the new weapons systems has risen from \$340,300m to \$454,800m, an increase of 33 per cent since the last Pentagon estimates were released three months ago. The Tomahawk cruise missiles have quadrupled in price to \$12,600m, the cost of the F14 fighter jet has trebled to \$35,800m and of the F15 fighter more than doubled to \$40,600m.

According to the Pentagon, the increases reflect the impact that inflation is having on the defence sector as well as the larger quantities of weapons being ordered as part of its military build-up. Officials say that only a small portion of the increased costs referred to in the now report will be covered by the 1983 budget period.

The Pentagon claims the higher estimates were expected and will not require changes in the President's plans to spend \$1,600,000m on defence between now and 1987.



"Pepper fogging" is the current phrase for American police action in spraying tear gas at strikers, who have blocked the entrance to a precision tool factory in North Kingstown, Rhode Island for the twenty-second week.

Walesa spurns offer to leave

Warsaw, March 23.—The Polish authorities have suggested that Mr Lech Walesa, the interned Solidarity leader, should voluntarily leave Poland with his family, his wife, Danuta said today.

"Of course we refused," she said in a telephone interview from her flat in Gdansk.

An Interior Ministry spokesman said today that he was unaware of a departure offer made specifically to the Walesa family.

The Communist Party newspaper Trybuna Ludu today denied reports that Mr

Stefan Bratkowski, the chairman of the disbanded Journalists' Association, was hiding or on a wanted list. "Bratkowski is neither in hiding nor wanted by anyone," Mr Eugeniusz Gus, an official commentator, affirmed. He accused Western reporters of making a legend out of Mr Bratkowski, a Communist reformer who the situation had been made worse by low supplies of domestic grain. Domestic supplies amounted to only 1,700,000 tonnes so far compared with the 3,600,000 tonnes planned. AP and

paper Dziennik Ludowy reported today.

It said that Poland would be able to import only four million tonnes of grain this year compared with seven and a half million tonnes in 1981.

Mr Jerzy Wojciech, the Minister of Agriculture, said in a broadcast today that the situation had been made worse by low supplies of domestic grain. Domestic supplies amounted to only 1,700,000 tonnes so far compared with the 3,600,000 tonnes planned. AP and

Guerrillas threaten Salvador cities

San Salvador, March 23.—Left-wing guerrillas announced plans today to march on El Salvador's cities in an attempt to overthrow the American-backed Junta.

The guerrilla radio, Venceremos, said: "Our forces have defeated the enemy in the countryside and now prepare for final victory by marching on the cities".

The guerrillas, who have been fighting security forces backed by extreme right-wing groups for two years, have vowed to wreck next Sunday's Constituent Assembly elections which are being held in Washington as a first step in bringing peace to the country.

In a wave of bombing attacks, guerrillas yesterday damaged or destroyed more than 20 buses in various parts of the capital in an attempt to cripple the transport system on the eve of the polls.

Venceremos called on countries supporting the guerrillas to break off diplomatic and commercial relations with the Salvadoran Government. It said the forthcoming elections were not the solution to the country's difficulties.

The guerrilla radio claimed yesterday that the United States planned to invade El Salvador and called on friendly members of the Organization of American States (OAS) to stop "this new criminal intent".

There were unconfirmed reports that public transport in various parts of the country has been suspended or severely curtailed because of guerrilla threats to kill drivers. Up to now, the guerrilla tactics have been to order people out of buses

Gandhi warns banks not to lose trust

By Lesley Plimmer

International financial institutions should be isolated from political ideologies or risk losing the trust of the Third World, Mrs Indira Gandhi, the Indian Prime Minister, told a City of London luncheon in her honour at the Mansion House yesterday.

It was a clear reference to the World Bank and the International Monetary Fund, which have tightened their lending policies under the private enterprise philosophy of the Reagan Administration.

India still smarting over a \$3,000m IMF loan granted last November, the negotiations showed up continuing economic policy divisions between India and the IMF and Washington abstained on the loan question, believing the terms were not tough enough.

After lunching yesterday on asparagus, salmon, and strawberries with melon, the Indian Prime Minister acknowledged that it seemed "incongruous to speak of poverty after such a sumptuous meal." But the human race was one and should not live "half in want and half in opulence, half free and half enslaved".

Now that India had built up its own industrial base, foreign investment rules have been liberalized, Mrs Gandhi told the gathering of businessmen, diplomats, cricketers and star players.

India's policy of "economic self-reliance means not diminishing but augmenting cooperation", but because of

US farmers press for grain sales to Russia

From Baily Morris, Washington, March 23

The Reagan Administration is under renewed pressure from angry farmers to reopen grain talks with the Soviet Union with the aim of selling the Russians an additional nine million tonnes of corn and wheat this year.

A group of influential Congressmen has joined leaders of national farm organizations in urging President Reagan both to reopen the talks and to rule out the possibility of any future embargo on grain sales to the Soviet Union.

Mounting unrest among farm groups is presenting the Administration with a difficult political dilemma at a time when it is trying to placate its conservative supporters by adopting a tough position on trade with the Soviet block.

A delegation of senior Administration officials has just returned from an apparently unsuccessful mission to Europe where it tried and failed to convince government officials to join with the United States in shutting off Western credit to the financially-pressed East.

In toughening its position on Soviet trade generally, the Administration is none the less refusing to rule out the possibility of renewed, formal grain negotiations with the Russians.

President Reagan met farm leaders yesterday and reiterated his position that farm exports will not be used as a diplomatic weapon except in extreme situations. He indicated that the situation in Poland is not regarded by his Administration as serious enough to warrant the imposition of another embargo similar to the one imposed in 1980 by President Carter in response to Soviet military intervention in Afghanistan.

Indeed, senior White House officials admitted privately that it would be very difficult politically for Mr Reagan to halt grain sales at a time when bankruptcies among United States farmers are rising and grain exports are dwindling.

Mr Reagan may be forced, however, to take a more positive position on grain sales than he has so far articulated as both farmers and Congressmen urge him actively to pursue renewed trade with the Soviet Union. Two influential Republican Senators, including Mr Robert Dole of Kansas and Mr Roger J. Papp of Iowa, appealed to Mr Reagan today to reschedule talks with the Soviet Union as early as next month.

Falklands landing raises clamour in Commons

By Hugh Noyes, Parliamentary Correspondent

The Government was under pressure yesterday to retain the survey ship HMS Endeavour in the South Atlantic after the ill-fated landing by a group of Argentinians at Latham Harbour, South Georgia, last week. South Georgia is a dependency of the disputed Falkland Islands. In the Commons, Conservative and Labour members urgently appealed to the government to reconsider the withdrawal of the vessel or to consider a replacement. There was some indication that Ministers may be having second thoughts after a statement by Lord Trefgarne, Under-Secretary of State, at the Foreign Office, that the matter was still being discussed.

Mr Richard Luce, Minister of State at the Foreign Office, told the Commons that the Argentine naval transport ship and most of the personnel left on Sunday. HMS Endeavour is in the area and there are Marines in the Falklands.

Mr James Callaghan, the former Prime Minister, said this sort of escapade was likely as soon as the withdrawal of the Endeavour became known to Argentina. It would be gross dereliction of duty by the Government to persist in this course.

□ Buenos Aires. The British Ambassador, Mr Anthony Williams, was summoned to the Foreign Ministry yesterday to discuss the landing and the military junta that view the situation, a Government source said.

NEWS IN SUMMARY

Top woman journalist sent to jail

Istanbul.—A military court sentenced Mrs Nazi Ilıcak, Turkey's leading woman columnist, to three years in jail for violating a ban on political debate, said a spokesman for her newspaper, Tercuman, a right-wing daily with a national circulation of more than 500,000 copies.

He said Mrs Ilıcak was found guilty of having violated Communiqué 52 issued by the National Security Council, which virtually bans all political life and public debate on Turkey's past, present and future policies. The military edict was intended to prevent mass media references to parties dissolved by the council on the day the military took over in a coup on September 12, 1980.

The Tercuman spokesman said that Mrs Ilıcak, wife of Mr Kemal Ilıcak, its publisher, was convicted for her article entitled "Fascism on trial" which referred to a mass trial in Ankara in which 220 officials of the ultra-nationalist Action Party risk the death penalty for an alleged rightist conspiracy to overthrow the regime in Turkey.

Battle victory claim by Iraq

Iraq said it had launched a big counter-offensive in the Iranian oil fields of Khuzestan and had wiped out an Iranian division. Iran, meanwhile, said its forces had killed thousands of Iraqis and recaptured a large tract of occupied land.

The official Iraqi News Agency, in a report telecast to Reuters, said that Iranian soldiers, Tehran radio, monitored in London, said that more than 5,000 Iraqis had been killed and 7,000 wounded in the recent Iranian offensive.

Dutch Labour hopes fading

Amsterdam.—Nationwide provincial elections in the Netherlands today will give Dutch voters a first opportunity to pronounce on the performance of the six months old Cabinet of Christian Democrats, Labour and Democrats '66 (Robert Schull writes).

Opinion polls indicate that Labour is likely to suffer heavy losses reflecting the electorate's growing disenchantment with Mr Joop den Uyl, the Socialist deputy Prime Minister and Minister of Social Affairs and Employment. He agreed to an 8 per cent cut in sick pay and has also been criticized for the country's record unemployment.

Daughter flies to see Kitson

Johannesburg.—Miss Amanda Kitson, a British girl aged 19, has arrived from London to visit her father, who is serving a 20-year sentence for a political offence in Pretoria's central jail. She was accompanied by Mr Stanley Clinton Davis, the British Labour MP and his party spokesman on southern Africa, and a woman friend.

US nuclear sub in collision

Norfolk, Virginia.—The American nuclear attack submarine, Jacksonville, and a Turkish-registered cargo ship collided off the Virginia coast, but no one was injured and no radioactive material leaked, the U.S. Navy said. The cargo ship, the Tuziye, was sailing off under their own power, the Jacksonville to Norfolk and the cargo ship, the General Z. Dogan, to Newport. The submarine was operating on the surface at the time of the collision.

Astronauts rise to the sound of music

From Piers Akerman, Houston, March 23

Colonel Jack Louma and Colonel Charles Fullerton performed a variety of tasks on board the space shuttle Columbia today to test the capabilities of the orbiter during its third mission.

The commander, Colonel Louma, who suffered motion sickness before going to sleep after the shuttle's first day in space, was feeling much better when awoken by a radio call from the Johnson Space Centre in Houston.

Officials of the National Aeronautics and Space Administration (Nasa) awoke the men with a tape of the country singer Willie Nelson singing "On the Road Again".

The first task was a test of Columbia's remote controlled manipulator arm which will be used during future flights to place satellites in orbit and retrieve equipment in orbit for return to earth in the space shuttle's cargo bay.

The astronauts said they could see damaged tiles in a small area close to the front windows on the nose of the aircraft. Mr Mark Hess, the Nasa spokesman, said there appeared to be pieces of tiles missing in six areas and that one or two entire tiles might have dislodged during the launch on Monday.

The tiles are white and are not exposed to the highest temperatures during reentry and their loss has not worried Nasa technicians.

Mr Hess said: "Later during the flight the camera on the remote manipulator arm will survey most of Columbia's top for tile damage. We assume different areas of the craft damaged during ascent and descent and we will be able to compare the damage Columbia has suffered now with whatever damage occurs during reentry".

Colonel Fullerton turned on one of the 12 experiments from the early experiments, United States time. The experiment is an attempt to produce urokinase from human kidney cells. Seven million frozen kidney cells and an equal number of frozen human red blood cells were taken into space for the experiment.

The kidney and blood cells were mixed with a salt water solution and subjected to an electrical current. It is hoped that the urokinase was produced as the electrical current moved through the solution. After the process was completed in about an hour, the solution was frozen for the return trip to earth.

Nun the wiser

Lourdes.—Two young women police inspectors disguised as nuns, who are patrolling Lourdes to prevent visitors being robbed by pickpockets, have made numerous arrests.

pp woman ournalist ent to jail

Amman. — A military court in Jordan has sentenced a woman journalist to three years in jail for violating a political ban. The woman, who was named in a newspaper article, was found guilty of "inciting the public to violence" and "violating the political ban." She was also fined 100 Jordanian dinars. The court said the woman had "incited the public to violence" and "violated the political ban." She was also fined 100 Jordanian dinars.

attle victory aim by Iraq

Baghdad. — Iraq has launched a counter-offensive in the oil-rich province of Khuzestan, which was captured by Iranian forces in January. Iraqi troops have recaptured a large tract of land and are now advancing towards the city of Basra. The Iraqi government claims to have recaptured 100,000 hectares of land and is now advancing towards the city of Basra.

utch Labour opes fading

Amsterdam. — National elections in the Netherlands are expected to be won by the Christian Democrats, according to a poll. The poll, conducted by a leading Dutch newspaper, shows the Christian Democrats leading the Labour party by a significant margin. The Labour party's prospects are fading, and it is expected to lose the election.

Daughter flies to see Kitson

London. — A British girl, 16, has flown to the United States to see her father, who is a member of the British royal family. The girl, who is named Sarah, is the daughter of Prince Philip, Duke of Edinburgh. She has flown to the United States to see her father, who is currently in the United States on a tour.

US nuclear sub in collision

Washington. — A US nuclear submarine has collided with a Japanese ship in the Pacific Ocean. The submarine, the USS Scorpion, was on a routine patrol when it collided with the Japanese ship. The collision resulted in the death of two crew members and the sinking of the submarine.

inding raises Commons

London. — The House of Commons has passed a bill to raise the minimum age for marriage. The bill, which was introduced by the government, will raise the minimum age for marriage from 16 to 18. The bill was passed by a majority of 100 votes.

Farmers invade Paris calling for higher prices

From Charles Hargrove, Paris, March 23

Mr François Guillaume, the leader of the 700,000-strong French National Farmers' Union, appears to have won his wager to bring together 100,000 farmers in the biggest demonstration ever held in Paris. It was held in protest against the steady decline in their living standards in the past eight years, and to bring pressure on the government to hold talks in Brussels for a substantial increase in farm prices.

M. Guillaume wanted this to be a show of the peasants' power in the land, and of his own over them — and he got it. All throughout the night, more than 1,500 buses, in as many cars, and by train, the farmers, including the big industrialized ones from the Beauce, the Brie and the Somme, as well as those in a few acres and a couple of cows from Brittany and Auvergne, converged on the Place de la Nation, in Paris.

Some from the Tarn-et-Garonne told me they had travelled 10 hours by bus. The vast square was black with people. The four-mile-long cortege proceeded by tractors, from which chains and sharp pieces of metal had been removed to avoid temptation, and by farmers' leaders, got slowly underway. It was accompanied by steady bursts of flares and bangs of bird scarers, which conjured up warlike reminiscences.

From the early hours, groups of farmers lay in wait for the police. At the end of the day, the police were still there, but the farmers had won their point. The police had to leave the square, and the farmers had won their point.

The victory of the Lower Saxony Christian Democrats and the severe losses of the Social Democrats (SPD), which confirmed a strong national trend, brought calls from the CDU for the Free Democrats to abandon the tattered, 12-year-old coalition with Herr Helmut Schmidt's SPD in Bonn and form a new Government with themselves.

Herr Franz Josef Strauss, leader of the CDU's Bavarian sister party, even said he did not rule out the possibility of an FDP-CDU coalition by the end of this year. But after a parliamentary party meeting in West Berlin, Herr Wolfgang Mischnick, the FDP floor leader, said the party had no reason to consider a change of coalition partners.

The FDP made their decision according to what they thought right, and not according to the expectations of Franz Josef Strauss, he added tartly.

While detailed independent verification of the Army's claims is impossible, a tour of military bases from Oshakati in Ovamboland to Mpacha in the eastern Caprivi Strip offered reasonably convincing evidence that the South Africans are having little difficulty in containing Swapo's threat, and over the past year have sharply reduced its military effectiveness.

That said, the conflict is a far from negligible drain on South Africa's resources, costing, it is thought, about 400m rands (£230m) a year and tying down to half the standing Army of 60,000-plus men at a time of growing activity by black nationalist guerrillas in South Africa itself. The defence budget was increased last year by 30 per cent.

The guerrilla war is concentrated on Ovamboland, an area of 20,540 square miles criss-crossed by river beds, dotted by salt-pans and covered mainly by scrub and stunted mopani trees. More than 60 per cent of its 475,000 Ovambo-speaking inhabitants — half the population of Namibia — live in the central part of Ovamboland and within 30 miles of the Angolan border. As many Ovambos again live on the far side of the border.

The area thus meets the classic Maoist definition of the ideal guerrilla environment, offering a sea within which the guerrilla fish ("terrorists") to the South Africans (Mr Sam Nujoma organization, which draws its support mainly from the Ovambos, can swim.

The South Africans struck a heavy military blow at Swapo in Operation Protea last August and September, in which they claim to have killed more than 1,000 Swapo guerrillas and Angolan soldiers, seized large amounts of weapons and destroyed missile-protected early warning radar sites at Camama and Chibemba.

Swapo suffered further losses during the three-week Operation Daisy in October, when the South Africans struck at the guerrillas' main command post south of Cassinga, in the central part of southern Angola.

The South Africans estimate that Swapo has 6,000 trained troops at its disposal, compared with a figure of 7,500 most military analysts have hitherto believed. This is still surprisingly high. However, if South Africa's claims to have killed 4,500 Swapo troops are accepted, the Army's main problem may well be convincing the local population that they have less to fear from their supposed protectors than Swapo.

As Brigadier Rudolf Badenhorst, the commanding officer at Oshakati, put it "every family has its naughty children".



FDP resists pressure to oust Schmidt

From Patricia Clough, Bonn, March 23

West Germany's small, but politically vital, Free Democratic Party (FDP) today resisted all pressure to bring about a change of Government in Bonn after Sunday's Lower Saxony Land elections.

The victory of the Lower Saxony Christian Democrats and the severe losses of the Social Democrats (SPD), which confirmed a strong national trend, brought calls from the CDU for the Free Democrats to abandon the tattered, 12-year-old coalition with Herr Helmut Schmidt's SPD in Bonn and form a new Government with themselves.

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Namibia moves inch by inch towards independence

From Michael Hornsby Oshakati, Northern Namibia March 23

"Swapo's strength is down by 10 to 15 per cent on what it was a year ago. The number of incidents has also dropped, and I am sure we will eventually eliminate Swapo as a fighting force." Brigadier Jan Klopper, Chief of Staff Operation, told visiting correspondents at South African military headquarters in Windhoek, the Namibian capital, last week.

This confident assessment of the current state of the 17-year-old guerrilla war between South Africa and the South West Africa People's Organisation (Swapo) guerrillas fighting for the independence of Namibia (South West Africa) was echoed by Army commanders at forward bases along the territory's 1,000-mile northern frontier with southern Angola, much of it unprotected "cut-line" through dense bush.

While detailed independent verification of the Army's claims is impossible, a tour of military bases from Oshakati in Ovamboland to Mpacha in the eastern Caprivi Strip offered reasonably convincing evidence that the South Africans are having little difficulty in containing Swapo's threat, and over the past year have sharply reduced its military effectiveness.

That said, the conflict is a far from negligible drain on South Africa's resources, costing, it is thought, about 400m rands (£230m) a year and tying down to half the standing Army of 60,000-plus men at a time of growing activity by black nationalist guerrillas in South Africa itself. The defence budget was increased last year by 30 per cent.

The guerrilla war is concentrated on Ovamboland, an area of 20,540 square miles criss-crossed by river beds, dotted by salt-pans and covered mainly by scrub and stunted mopani trees. More than 60 per cent of its 475,000 Ovambo-speaking inhabitants — half the population of Namibia — live in the central part of Ovamboland and within 30 miles of the Angolan border. As many Ovambos again live on the far side of the border.

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Nato planners poised to rebuff Brezhnev offer

By Henry Stanhope, Defence Correspondent

Defence ministers attending Nato's nuclear planning group meeting which opened yesterday are expected to rebuff Mr Brezhnev's offer of a freeze on Soviet nuclear missiles in Europe.

According to Mr Charles Wick, the director of the United States International Communication Agency which is responsible for the network, Mr Conning's resignation was voluntary and reflected his inability to adjust to working in government.

Soon after Mr Conning took over, a number of senior executives resigned, fearing that he wanted Voice of America to play a more active propaganda role. These fears seemed to be confirmed last year with the appointment of Mr Philip Nicolaides.

Mr Nicolaides was responsible for a memorandum advocating the turning of the Voice of America into a direct propaganda arm.

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VOICE OF AMERICA CHIEF QUILTS

From Nicholas Ashford, Washington, March 23

Mr James Conning, who was appointed by the Reagan Administration to take charge of the Voice of America broadcasting network, has resigned after 10 months in office.

According to Mr Charles Wick, the director of the United States International Communication Agency which is responsible for the network, Mr Conning's resignation was voluntary and reflected his inability to adjust to working in government.

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Letter from Beirut

Lebanese shake, rattle and roll

Every morning at about 6.30 The Times's modest apartment on the Beirut seafloor shakes to the blast of explosions.

This is no mere metaphor: the flat actually moves. The floor perceptibly wobbles back and forth for a few seconds. The pictures do not fall off the wall, but a pencil will usually roll off the desk and the curtain will sway ominously away from the windows.

Readers unused to daily life in Beirut may put this unsettling phenomenon down to the shell-fire that rumbles nightly in the commercial centre of the city, a mile and a half from the apartment. More sophisticated readers may attribute the tremors to the gun battles that break out behind the Corniche. Not long ago, after all, the Lebanese resident of a neighbouring block of flats was shot clean out of his fifth-floor window in a haze of gunfire. He fell all the way to the ground where — this being Lebanon — he was shot again for good measure.

Recent visitors to Beirut might even suggest that the car bombs which now explode with chilling regularity along the Corniche, a mile and a half in the other direction, might have set up the blasts.

But there would all. It is the fishermen who make the apartment move. Once again, readers accustomed to paintings of Arab fishermen, gently plying their trade in the waters of the Holy Land may be confused. For there is no trawling and heaving in of nets for your average Lebanese fisherman: ever aware of the laws of supply and demand, he simply chucks a hand-grenade into the water, rides out the tremendous explosion that follows beneath the surface, and then pull on the might catch which rises — somewhat stunned, it is true — from the deep.

Most boats travel with a basket of grenades at the ready, and it is even possible, from The Times's balcony, to see young men hurling explosives into the

Not so this newspaper's car, which has taken seven bullets, mostly on the front line in central Beirut. The vehicle repair shop in Fin Melles charges just £25 to patch up the holes. None have yet appeared in The Times's correspondent — nor will they if the city's taxi drivers have their way.

Some months ago I arrived at Beirut airport to find a gun battle under way between Syrians, leftist militia and Lebanese police. Bullets were thrashing into the road in front of the terminal. I threw myself, panting shamelessly, into the back of an old yellow taxi whose owner turned to his new passenger, delighted to find a supposedly rich European captive in his car.

There was a flash of gold teeth and a wide smile in the violent darkness. "Welcome to Lebanon," he said. "I couldn't have put it better myself."

Robert Fisk

Spanish democrats rally to the King

From Richard Wigg, Madrid, March 23

How can Spain's democrats best respond to the challenge symbolized in the sergeant-major-like phrase of Lieutenant-Colonel Antonio Tejero, on trial for his part in last year's attempted military uprising, that its purpose was to "make the nation shape up properly?"

How can the name of King Juan Carlos, the personification of threatened democracy on the night of the attempted coup, February 23, 1981, be protected? These are the questions the country's democratic forces are now agonizing over since the Government has entrusted the trial of 32 officers and one civilian to the Army itself.

This has meant a double inhibition: the normal one of any executive before a court hearing an important case plus the "independence" of the Spanish Army with its caste-like values.

The problem has come to a head because of the persistent attempt to involve King Juan Carlos in the coup plot by many of the accused and their lawyers. This ignores the fact that Spain has a limited monarchy and the 1978 democratic constitution expressly states: "The person of the King is inviolable and is not subject to accountability."

All the King's conduct, both on the night of the coup and before, indicates he was not involved. All the democratic parties in Parliament have condemned the campaign against the King. The press has been eloquent in this support and Señor Alberto Oliart, the Defence Minister, told a military audience in Madrid: "Any attack on the King is an attack on the armed forces."

The Government's strategy has been to stake everything on obtaining from the military firm sentences for the accused. But this is precisely the point most worrying many democrats as the trial enters its fifth week. As the professional wife of a Madrid businessman put it

water with both hands. This is not as easy as it looks. During the civil war, I sat in one such boat while a spotty-faced youth tried to throw explosives into the water. Then, constantly off balance by the waves, he developed an alarming propensity for bouncing the grenades off the sides of the vessel. The method, it seems, is to withdraw

Outbreak of peace over the Wall

Patricia Clough reports on a growing East German movement against nuclear armaments

Quietly and unobtrusively, something that looks remarkably like a peace movement is growing up in the most loyal and strategically important wing of the Soviet camp: East Germany.

It is still a tender plant which could easily be crushed under the communist Government's heel. But the East German authorities, who unwittingly nurtured it themselves, seem at a loss to know what to do about it.

It has been fed for months on a massive diet of propaganda against the new Nato missiles, the "warmongering" Reagan administration and in praise of the peace movement in West Germany.

All this would probably have had little effect—such is the East Germans' faith in their official media—if the basic facts had not been reported on West German television and radio which reach most parts of the country.

The news struck at a fear which is as deep among East Germans as it is among West Germans—the fear of another war.

"They were always fairly sure the Russians did not want another war, they knew how terrible they had suffered during the last one," a Western observer says.

"They used to be sure the Americans would never start one, but after all the talk in Washington they are no longer so sure. They are afraid."

The first stirrings came last autumn. All at once, peace and disarmament became a burning issue in the East German Protestant church, in the youth groups and the regional synods.

Apparently spontaneously, Herr Stephan Hermlin, a leading East German writer, organised an Eastern West writers' peace conference in East Berlin.

These developments apparently suited the Government's own ends. Herr Hermlin was able to travel to the conference, and Western TV and press were permitted to attend.

But the regime got more than it bargained for. The writers, like the young Christians, agreed that Nato missiles were bad. But then, they went on to argue, are the Soviet missiles not bad too? Why can't we do away with all nuclear weapons?

The young people began to fret at the militarization of East German life. They started to protest at the compulsory military training in schools, the endless military parades, and to demand the right for conscientious objectors to do social work instead of national service.

The movement came briefly but spectacularly into the open on February 13, the 37th anniversary of the British and American raids on Dresden, when in a couple of hours the beautiful city was destroyed and 300,000 people—four times more than at Hiroshima—were killed.

Some 5,600 young people armed with candles and flowers flocked from many parts of the country to the commemoration service in Dresden's Church of Our Lady.

Many of them wore white strips of cloth round their heads with the slogan "Make Peace Without Weapons" and arm patches with the words "Swords into Ploughshares".

Later they moved over to another church for a long and intense debate with their bishops and to sing, in English, "Give Peace a Chance" and "We Shall Overcome".

The Stasi—security police—were there trying to look inconspicuous in anoraks and jeans. But they did not intervene and the young people disappeared as quietly as they had come.

Little else is known about the movement, or "Peace efforts" as the East German clergy prefer to call it. It is wholly spontaneous, shapeless, leaderless and evidently many-faceted like that in the West.

It has no organization, no media to magnify it, and only a grapevine on which to communicate. The strength of the feeling is difficult to gauge in a country where involvement in such activities can wreck a person's whole future.

"It is still a minority," said one East German pastor who works with young people, "but it is building up." It is not clear how much is pure anti-nuclear sentiment and how much may simply be rebellion against authority or the Soviet Union. But the

pastor maintains that it is driving force behind it—as in the West German peace movement—is a broad movement among young people towards more spiritual values.

As yet, the movement is taking communism as its word. The ubiquitous arm patches depict also the statue of a man beating a sword into a plough share which the Soviet Union placed outside the United Nations building in New York.

The Government says tirelessly it wants peace—so it can hardly argue with young people in Dresden commemorating the senselessness of war. It has always supported Easter disarmament marches in the West; now the young people are talking of holding one of their own.

The Government is evidently in a spot. "It cannot crack down on people who demonstrate for peace, yet everything that is not controlled by it is automatically assumed to be hostile to the state," western observers said.

Perhaps the best measure of the movement's strength is the importance which the

authorities are attaching to it. The main tactic, for the moment, is to absorb it. Officially, peace is all the rage in East Berlin. The official Communist Youth Movement has held a Peace Week, and a peace-oriented political song festival with a dove as its symbol. It has been selling peace T-shirts, placards and postcards with the dove motif. One big Berlin bookstore has an exhibition of peace paintings in its window; naturally all the missiles are American.

There is even talk of the communist youth holding their own Easter march. But the message of the official "peace movement" is absolutely clear. "Peace," it insists, "must be armed."

The movement has also created a dilemma for the Protestant church which is its main breeding ground. (The small Catholic Church is not involved). It fears that the pacifists are stepping outside the narrow non-political area in which the church is allowed relative freedom and its future work will be jeopardised.

At the same time the Church is painfully conscious of having failed to take a stand against the Nazis and the Second World War and never wants to make that mistake again.

It received a clear warning of the dangers recently when a pastor who had drawn up an appeal against missiles and compulsory military service was hauled in by police and questioned for two days.

At present the clergy fear not so much the regime as the reaction in the West. "It is not a pro-Western movement," says a West German pacifist leader with close contacts in the movement. "Although it is influenced by the West German peace movement, it is not some pan-Germanic awakening. They are talking of the worst thing that can happen is that the West should get it wrong and play us up as dissidents or another Solidarity. Then the authorities will get nervous and crack down."

"We know the conditions we have to live in and the methods we can use," they say. "Support from the West can only harm us. We must fight on our own."

fight against terrorism and street disorder.

On past performance the reality is likely to be more even-handed. Sir Kenneth, son of a Sussex builder, rose in London to head both the community relations branch and re-organize police response to civil disorder in the 1960s. He was sceptical of responding to mugging scares by inundating areas with the Special Patrol Group, analysed police confrontations with blacks and tried to limit police responses to incidents so that situations were not inflamed by phalanxes of officers.

Such ideas might have prevented problems like Bristol last year but if riots did occur Sir Kenneth also had answers. The simple logic of his reorganization of training police for public disorder so that policemen were no longer acting as individuals but as unified groups is now being throughout Britain.

The ideas were unpopular at the time but Sir Kenneth is a man who perseveres: he took a law degree by getting up early to study. When he went to Ulster he also faced unpopularity as yet another Englishman foisted on the province by its Whitehall masters, but again he triumphed.

He took a staid, embittered and demoralized RUC and brought it out of the shadow of the Army presence and protection. His short, fit figure—he hardly drinks—could be found in the dead of night among patrols in Belfast's toughest streets.

While equipping his men with the latest computers and arms, he also worked to end the province's general lawlessness, appealing to the public to support its own police force. It was not always a happy courtship; the mistreatment of police prisoners brought harsh criticism, but in 1976 the number of people killed in Ulster stood at 297, compared with 113 in 1979.

It was in fact in Ulster where he came to be admired by his men. Sir Kenneth first became a contender for the London job, another difficult and arduous post. Although officers such as Mr James Anderson, the controversial Greater Manchester chief constable, have often

publicly expressed their interest in London the Home Office's eyes have not wavered from Sir Kenneth.

Mr Merilyn Rees, fresh from Ulster himself as Home Secretary in 1977, clearly saw Sir Kenneth as successor to Sir Robert, but the needs of Ulster were greater than those of London at the time. With Sir David in place for at least five years, Sir Kenneth went to Bramshill.

It was there in the aftermath of the riots in Bristol in 1980 that Sir Kenneth said: "The police have certain objectives, one of them being to enforce the law; but it is a higher, superior objective to keep the peace." In Belfast marches might be policed

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with a low presence but using video cameras and retrospective arrests, law enforcement remained.

This year at Bramshill, before the announcement of his new job, Sir Kenneth was looking at Scarman and trying to find the balanced policing he called for. Sir Kenneth was to start projects on inner-city problems and the college is building a complex to stimulate major operations such as public disorder.

That is the sort of approach the Home Office are looking for in London now, someone who will continue to tune the Metropolitan Police to all the demands of the 1980s with imagination and logic. In Ulster Sir Kenneth spoke of the police combining 'toughness' with sensitivity. Sir Kenneth may prove to be neither a John Alderson nor a James Anderson, but a man for all seasons.

Stewart Trender

It was true, how last year not only had been done to Mr Dodin's initial exploit it politically, to change after last Israeli elections, real Ariel Sharon, defence minister, named responsibility government of the territories. Mrs SPJ Commentaries on politics academics with police to publish it: Jean Kirkpatrick (in eye of Governor Rea last November) Colonel Milson (head of a new

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In Potsdam, young people take part in an organized demonstration against Nato's European-based nuclear forces; but East Germans are also beginning to criticise their own nuclear policy

Henry Fairlie

Reagan, still a star in the Mid-West

No one denies that this year's Congressional election will be the most interesting and simply the most exciting for many a year. So after a good lunch on Capitol Hill last week I boarded a sleeping car at Union Station at 3.55 pm.

The only way to cover the mid-term election is to travel the country to the Senators' and Congressmen's individual States and the most rewarding way to travel in America is still by train, if a train is still running to wherever one is trying to go.

Even a journey of a mere 18 hours from Washington to Chicago has its lessons to teach, reminding one of the vastness and diversity of the nation which will seem to vote as one nine months from now. By sunset we had already crossed the swirling Shenandoah and Potomac rivers which converge at Harper's Ferry where three States also meet. Before us lay the Cumberland Gap through which we would cross the Alleghenies. From there the great plains unfolded until they at last reach the Rockies. Washington is soon forgotten. The focus has changed. The West is in front.

In the dining car I had a drink with some of the passengers. This one of the advantages of trains: one can choose one's companions. One of them was a businessman from Pittsburgh who always spends his Christmas in England. He wanted to talk about England. I wanted to talk about Pittsburgh. All that

one now reads about Pittsburgh is of the steady decline of the steel industry. I asked him if it would recover. He returned an expected "no". Pittsburgh must be very depressed, I said, and his answer was unexpected: "Not really. The impact on the economy is not very great. Pittsburgh has become a financial more than an industrial centre."

I talked later to another man from Pittsburgh. He told the same story: "The steel industry is hurting, but it isn't hurting Pittsburgh." To be jolting in reality that Pittsburgh can no longer be classified as just a steel city is to be reminded that one must get out of Washington to discover all that is going on in this huge land. Even before we reach Pittsburgh after eight hours, my pictures of the industrial north-east and its depression had shifted.

We drew into Pittsburgh shortly before midnight. I hopped out of my bedroom on to the platform. A few minutes later the train from New York drew in, on time as we had been.

There then took place that busy, noisy night-time shunting which I always associated with Crewe. The Washington king crab, tinned salmon, refrigerator, alarm clocks, and ambigram. The restrictions will cut EEC imports from the Soviet Union by a crippling 1 per cent.

city, had stirred a lot of criticism in Fort Wayne. The defence in the editorial was not enthusiastic. It seemed odd in such a bastion of Mid-West Republicanism that so ordinary a visit by a President to what he later designated a disaster area should need to be so anxiously defended.

One incumbent Republican Congressman, a moderate, had been defeated by a State senator, a Conservative. He had been criticized for not giving uncritical support to Mr Reagan. Was this, then, a signal? Hardly. Another moderate Republican Congressman elsewhere in the State had successfully fended off a challenge from a Conservative.

What is more, in the most hard-fought contest for a State office, the candidate mostly clerically relied on Mr Reagan's name, finished a poor third. If there was anything at all to be told from the tally of all the results, it was that support of Mr Reagan and his policies does not automatically guarantee success. Yet neither does it automatically spell defeat.

There is uneasiness in his party, and there is among the people in this vital mid-West State, but one cannot overlook the fact that, at the

right moment this year, he may still throw a sandbag or two into his party's dykes, more effectively than he did at Fort Wayne. One has only to gaze at the prosperity of Chicago moreover, the hub of the mid-West and its bustling life, to wonder how deeply people actually are upset by the economic situation, unless it directly touches them.

They are worried, they grumble, some are scared. But there is also a mood out there that it might be much worse—especially under anyone else than Mr Reagan. At the weekend I travelled on to Wisconsin which advertises itself as America's dairyland. It is a state with a very individual political tradition, with a strongly progressive streak to its West Republicanism. At the last election it swung almost uniformly to Mr Reagan, only Madison, the state capital and the seat of a traditionally liberal university, showed a dissent.

Wisconsin moves is really indicative of only its own mood. Yet its progressive tradition makes it an interesting state in which to try to judge the character and strength of the conservatism on which Mr Reagan must be able to call again this year.

I sat down after a couple of days and decided that the

Two gentlemen try for that certain style

While the Institute of Directors decamped to the Albert Hall yesterday for their annual convention, men of style took over their Bell Mall headquarters and to choose between two finalists in the first Man of Style competition, sponsored by Fenton Menswear.

Gordon Bryant, a football-playing Ford Escort owner who has six suits and works in a bank in Ramsgate, was pitted against David Tewkesbury, who enjoys jogging and works in a car-hi business in Farnham, Surrey. Under the stern and stylish gaze of the Duke of Wellington and Leopold I, King of the Belgians, resplendent in full military dress on the Waterloo Room walls, the pair had to act out an embarrassing charade with a Manuel-like waiter in a make-believe restaurant.

The crucial test of style was how to cope with the suggestion that they should buy a bottle of wine they could not afford. Bryant sent his back on the pretence that he did not like the taste. Tewkesbury proposed to leave his watch as security. The Iron Duke and Leopold did not seem impressed.

Tewkesbury stood out valiantly against all the normal rules of good manners, by ignoring his actress-companion's request for champagne or Nuits St Georges, ordering instead some cheap still white. Manuel, meanwhile, con-

tinued in fine style: "We gotta a red, and we gotta a white. Have you got a bottle-opener?"

Bryant was declared the winner and given the gold cup, only to have it unceremoniously snatched away after protests from the jury. Finally both shared the prize money, and Tewkesbury went home with the cup.

Unkind cut?

In a show of solidarity with President Reagan, the Poles and the Afghans, the EEC finance ministers have agreed to restrict imports of caviare to 75 per cent of the 1980 total.

To add to the grim confrontational news, it will be equally difficult to purchase Russian king crab, tinned salmon, refrigerator, alarm clocks, and ambigram. The restrictions will cut EEC imports from the Soviet Union by a crippling 1 per cent.

The Allington Court Gymnasium in London has revoked the memberships of several body builders. The reason given was that they took up too much space.

Nostalgic note

When Robert Cohen performs with the Royal Philharmonic Orchestra at the Festival Hall tomorrow he will, at the age of only 22, be celebrating the tenth anniversary of his debut there. He still has, but of course no longer plays, the three-quarter size cello with which he made his first appearance.

Cohen will play the work, the Elgar cello concerto, alongside

THE TIMES DIARY



To see the pheasants strutting about the north Hampshire fields like farmyard chickens, safe from legal pursuit for another six months, you would not think that they are close relatives to many of the world's most endangered species. Yet the justification for an exhibition by leading wildlife artists at the Bladon Gallery, Hursbourne Tarrant, near Andover, is that of 48 pheasant species, a third are under threat of

extinction. Things are little better for some of the other galliformes, which include francolins, curassows and megapodes as well as wild turkeys.

While it used to be "up goes a gun, bang goes pheasant, down comes half-a-crown," a PHSB calculates that nowadays it costs £10 to put a pheasant over the guns. Cartridges are 8p each, and last season in Hampshire the birds were £3 a brace, so even the most carefully conserved pheasants are not the bargain they were.

it is only the second in 40 years and likely to be the last because there are so few survivors left, the same time he thinks it will usefully counter recent adverse comment about the Singapore catastrophe. Field Marshal Earl Wavell wrote that if all units in Malaya had been trained and led with the foresight and imagination Brigadier Alan Steuart showed in training the 93rd "the story of the campaign would have been quite different". Stewart, now 86, will be in the chair at the reunion.

Minder
The Rokalsky ceramics factory in the Soviet Lithuanian city of Kaunas may lead the world in having an agony aunt on the payroll. *Pravda*, reporting on Woman's Day about the facilities

the factory has installed for the benefit of women night-workers, lists among them not only hairdressing salons, food shops and shoe-repairers but also a psychology clinic where workers can go to "unburden their minds".

Village insights
Though the Indian government is notoriously sensitive about foreign film crews, Prafulla Mohantoi was allowed exceptional freedom when making his programme *My Village My Life*, which is to be screened on BBC2 tomorrow night. Mohantoi made the film in his native village of Nanpur in the impoverished state of Orissa, and because of his personal involvement, the Indian government gave of its usual insistence on an official liaison officer being attached to the crew to watch what they were doing.

Mohantoi was brought up in the village, and still returns there for several months each year, although he has had a successful career as a writer since coming to Britain, originally as a town planner for the Greater London Council.

Mohantoi's book of the same title as the television film has now sold 35,000 copies here, is translated into Norwegian and Danish and is in its second edition in Japanese. Bill Morton, executive producer for BBC television, has himself filmed in Indian villages but says he has never before had the feeling of giving such a unique insight into what life is really like for the 600 million who live in the country's 500,000 villages. He says: "The

Newman, the only name in the frame

A profile of the new Metropolitan Police Commissioner



Sir Kenneth Newman: a man for all seasons

fight against terrorism and street disorder.

On past performance the reality is likely to be more even-handed. Sir Kenneth, son of a Sussex builder, rose in London to head both the community relations branch and re-organize police response to civil disorder in the 1960s. He was sceptical of responding to mugging scares by inundating areas with the Special Patrol Group, analysed police confrontations with blacks and tried to limit police responses to incidents so that situations were not inflamed by phalanxes of officers.

Such ideas might have prevented problems like Bristol last year but if riots did occur Sir Kenneth also had answers. The simple logic of his reorganization of training police for public disorder so that policemen were no longer acting as individuals but as unified groups is now being throughout Britain.

The ideas were unpopular at the time but Sir Kenneth is a man who perseveres: he took a law degree by getting up early to study. When he went to Ulster he also faced unpopularity as yet another Englishman foisted on the province by its Whitehall masters, but again he triumphed.

He took a staid, embittered and demoralized RUC and brought it out of the shadow of the Army presence and protection. His short, fit figure—he hardly drinks—could be found in the dead of night among patrols in Belfast's toughest streets.

While equipping his men with the latest computers and arms, he also worked to end the province's general lawlessness, appealing to the public to support its own police force. It was not always a happy courtship; the mistreatment of police prisoners brought harsh criticism, but in 1976 the number of people killed in Ulster stood at 297, compared with 113 in 1979.

It was in fact in Ulster where he came to be admired by his men. Sir Kenneth first became a contender for the London job, another difficult and arduous post. Although officers such as Mr James Anderson, the controversial Greater Manchester chief constable, have often

publicly expressed their interest in London the Home Office's eyes have not wavered from Sir Kenneth.

Mr Merilyn Rees, fresh from Ulster himself as Home Secretary in 1977, clearly saw Sir Kenneth as successor to Sir Robert, but the needs of Ulster were greater than those of London at the time. With Sir David in place for at least five years, Sir Kenneth went to Bramshill.

It was there in the aftermath of the riots in Bristol in 1980 that Sir Kenneth said: "The police have certain objectives, one of them being to enforce the law; but it is a higher, superior objective to keep the peace." In Belfast marches might be policed

When he went to Ulster he faced unpopularity as yet another Englishman foisted on the province by its Whitehall masters, but again he triumphed.

with a low presence but using video cameras and retrospective arrests, law enforcement remained.

This year at Bramshill, before the announcement of his new job, Sir Kenneth was looking at Scarman and trying to find the balanced policing he called for. Sir Kenneth was to start projects on inner-city problems and the college is building a complex to stimulate major operations such as public disorder.

That is the sort of approach the Home Office are looking for in London now, someone who will continue to tune the Metropolitan Police to all the demands of the 1980s with imagination and logic. In Ulster Sir Kenneth spoke of the police combining 'toughness' with sensitivity. Sir Kenneth may prove to be neither a John Alderson nor a James Anderson, but a man for all seasons.

Stewart Trender

It was true, how last year not only had been done to Mr Dodin's initial exploit it politically, to change after last Israeli elections, real Ariel Sharon, defence minister, named responsibility government of the territories. Mrs SPJ Commentaries on politics academics with police to publish it: Jean Kirkpatrick (in eye of Governor Rea last November) Colonel Milson (head of a new



P.O. Box 7, 200 Gray's Inn Road, London WC1X 8EZ. Telephone: 01-837 1234

MR WHITELAW AT BAY

This is the most critical week that Mr Whitelaw has faced in his time as Home Secretary — not the most critical for the country, but the week in which his personal political standing is put to the most severe test. There is much anxiety in the country over the rise in crime and much dissatisfaction within the Conservative Party over his performance in dealing with it. On Monday evening he underwent the scrutiny of the Conservative backbench Home Affairs committee, and came through it with success. Today there is to be a debate in the House of Commons on the increase in crime and tomorrow in the Commons on an Opposition motion on law and order. That Labour decided to devote one of its supply days to a topic that is normally regarded as being of more political value to the Conservatives is an indication of how beleaguered Mr Whitelaw looked to be on this issue.

The public has been alarmed about the crime rate for some time. The alarm has been fanned by two recent developments. One was the publication of the statistics for serious offences in England and Wales. The other was the demand from the Police Federation for the restoration of capital punishment. This demand has stimulated the appearance on the order paper of the House of Commons of a motion that has already been signed by more than 90 Conservative backbenchers, although there is no prospect of a majority of MPs in this Parliament voting to bring back the death penalty.

There is always scope for argument about the precise significance of crime statistics, because they tend by their very nature to be unreliable indicators. That applies particularly to the less serious offences, where not

every crime that is committed is reported. The latest criminal statistics are not in themselves conclusive. Although the increase of ten per cent in England and Wales in 1981 was high, the rate of increase was not so high as in either 1974 or 1977. Much of the change can be attributed to the increases in theft and the handling of stolen goods. The number of murders and sexual offences has even fallen.

The figures need to be kept in proportion, but they are not to be explained away. Serious crime has been rising at a disturbing rate for some time. That is evident both from the statistics and from common observation. Public alarm, particularly over crimes of violence, has out-run even that rate of increase. This is not something that exists only in the fevered imagination of politicians, journalists and broadcasters. These are social and political facts to which any government is bound to respond.

But how should the Home Secretary respond? There is no cause for panic, partly because the figures do not warrant it, but even more because this is a field in which sudden dramatic decisions are usually of less value than the steady thrust of a consistent policy. The first element of that policy should be to maintain support for the police. If criminals are not caught they cannot be sentenced. This Government has in fact a good record in improving police pay and equipment, which are vital to recruitment. Mr Whitelaw is also intending to introduce changes in the law governing police procedure, going beyond the Criminal Justice Bill now before Parliament.

The other critical element in a coherent policy on law and order is sentencing. If convicted criminals are not

given an appropriate sentence it is no deterrent to them and others and a positive discouragement to the police. But criticism here comes from two different quarters. There are those who complain that excessive sentences have led to overcrowded prisons, and others who maintain that hardened criminals are being treated too leniently. In fact the two criticisms are not contradictory, so long as one appreciates that they refer to different categories of offender.

It is necessary to reduce the number of non-violent, relatively minor criminals in prison if serious offenders are to be kept in conditions that are both humane and prevent prison becoming a university of crime. This Government has done something, though not enough, to encourage shorter sentencing — though one must always acknowledge that sentences are very properly awarded by the courts and not by any minister. It has also a reasonable record in largely preserving the prison building programme when all about it was being cut.

Mr Whitelaw should not then be short of ammunition in his own defence. The reasonable tone, which irritates many of his critics, is necessary quality in a Home Secretary who is to reassure the disparate elements in a troubled society. The personalizing of the attacks upon him has also strengthened his position. Some Conservative backbenchers who have not previously been among his admirers now believe that it would be folly to sacrifice him on the altar of law and order. But while his continuation in office seems assured, the task that he now faces is to win the confidence of an agitated party and uneasy public for a policy that must be firm but need not be dramatic.

THE NATIVES ARE RESTLESS

In May 1981 an article appeared in *Commentary*, the influential American Jewish magazine, arguing that Israel had been unimaginative in allowing supporters of the Palestine Liberation Organization to monopolize the political leadership of the population in the occupied territories. The author, Professor Menachem Milson, head of the Institute of Asian and African Studies at the Hebrew University of Jerusalem, asserted that many Palestinians did not in fact support the PLO but lacked leadership, and that the Israeli authorities had made very little effort to encourage the emergence of new leaders.

Professor Milson was perhaps being unduly modest, for he had himself laid the foundations of a more adventurous policy in 1978, when he was adviser on Arab affairs to the military commander of the occupied territories. It was with his encouragement that Mr Mustafa Dodin, a former Jordanian minister, founded the Hebron Village Association, through which Arab villages obtained money from the Israeli authorities for development projects.

It was true, however, that until last year not very much had been done to follow up Mr Dodin's initiative and exploit it politically. That was to change after last summer's Israeli elections, when General Ariel Sharon became defence minister and so assumed responsibility for the government of the occupied territories. Mr Sharon, it seems, was impressed by the *Commentary* article. (For academics with political ambitions *Commentary* is a good place to publish: it was also with an article there that Mrs Jean Kirkpatrick caught the eye of Governor Reagan.)

Last November Professor Milson became the first head of a new "civilian"

administration in the West Bank, the declared purpose of which was to involve more Arabs in the day-to-day running of the administration and so to prepare them for the application of autonomy as envisaged in the Camp David accords. Other village leagues were formed, in emulation of the Hebron one, with strong encouragement — not to say pressure — from the Israeli administration, and in the teeth of intimidation from the PLO, now joined by Jordan.

Village politics in any country tend to be apolitical in the national sense and to concentrate on parish pump issues which put a premium on a working relationship with higher authority, whatever its political colour. That does not mean that villagers are necessarily without opinions on national issues, but they find it more appropriate (and sometimes safer) to voice such opinions when gathered together in towns and universities. Palestine in that respect is no different from any other country, and Professor Milson, for all his orientalist erudition, is no different from previous colonial governors in many parts of the world: dismissive and when necessary repressive towards urban and educated groups voicing nationalist demands, paternalist towards peaceful village elders, and on the look-out for interlocuteurs valables.

Such policies have seldom if ever been successful in the long run because the only really valid interlocutors are the ones capable of mobilising popular support for a political programme — are almost invariably those saying what the colonial governor does not want to hear. The village elders may be good at settling local disputes over marriage portions or grazing rights, but they tend to cut a sorry figure when sent

in by the colonial power to bat against nationalists on a political wicket. (Who now remembers Mr Ian Smith's Council of Chiefs?)

The present unrest on the West Bank has been directly provoked by Mr Milson's policies. He thinks or affects to think, in an interview with the *Guardian* yesterday — that is because "the PLO, who are afraid they are losing their hold on the population, are pushing things to a head". That proposition is, to say the least, unproven.

What is certainly true is that virtually all politically aware Palestinians on the West Bank are intensely suspicious of the new "civilian" administration because they see it as a step away from straightforward military occupation arising from a state of war and towards a permanent annexation in pursuance of Israel's claim to sovereignty — which is also how both Mr Begin and the Palestinians have tended to interpret the "autonomy" proposed as a five-year transitional solution by the Camp David accords.

The Egyptian interpretation, that autonomy would be a transitional stage towards an independent Palestinian state, finds few takers on the West Bank because people there can see that Israel would retain ultimate control and that Israel has no intention of allowing an independent state to emerge.

For the inhabitants of the West Bank it is Hobson's choice. "Civilian" or military administration, autonomy or no autonomy, they face continued Israeli rule and expanding Israeli colonization of their land. If the world wishes them to abstain from violence, it has to find a way of offering them a better choice than that.

Doubts on 'police accountability'

From the Chief Constable of Manchester

Sir, In the BBC 1 *Question Time* programme on March 18 a brief discussion took place on my recent proposal for the appointment of non-political police boards to oversee local police administration.

I was disappointed by it on two important counts. First, not a single contributor had a proper grasp of the essential point of my argument, which could be due to poor articulation on my part or misunderstanding through the press. And second, to my dismay, all the panelists, without exception, demonstrated a quite abysmal lack of detailed knowledge of the real workings of our existing police committee structure, which surely illustrates just how large is the current problem we face.

However, one rather frightening matter clearly emerged. Mr Ken Livingstone, Leader of the Greater London Council, stated quite categorically that "police accountability" for him means direct political control of all police operations.

He used as an example the "swamp" tactics in London last year and said, in effect, that under his declared policy large numbers of police officers would not be allowed to enter an area to combat street crime without the support of the Greater London Council. Even members of the studio audience appeared to balk at this particular comment.

It is precisely because of Ken Livingstone's declared intention, precisely because of similar statements expressed elsewhere, and precisely because I fear the worst for the future, that I recommended so forcibly the need for police to be accountable to a more independent and balanced body of people with no political axe to grind and without loss of real community involvement.

Yours faithfully,
J. ANDERTON,
Chief Constable,
P.O. Box 22 (S.West P.D.O.),
Chester House,
Boyer Street,
Manchester,
March 19.

From Mr G. V. Harries
Sir, In your news reports, and those of the BBC, the phrase "police and civilians" appears from time to time. This is convenient but misleading. Ought we not to remind ourselves that the police are citizens like everyone else and that in general they are given no greater power in protecting the law than the ordinary citizen has?

In the words of the Royal Commission on Police Powers and Procedure (1929), "the police of this country have never been recognized as having no greater tradition, as a force distinct from the general body of citizens."

Yours truly,
G. V. HARRIES,
Rokeby,
Badgeworth Lane,
Badgeworth,
Cheltenham,
March 21.

Race and crime

From the Bishop of Willesden
Sir, By reminding us that Asians and blacks are far more susceptible than whites to racial attacks the AUEW (TASS) General Secretary (March 16) provided a response to Mr Butler's article of March 18. It is no doubt hoped that the release of mugging statistics in ethnic categories will assist effective action over this problem.

I submit that a sensitive and compassionate nation has other, longer term obligations as well; for example, to realize what it must feel like to belong to the black minority, every member of which stands out clearly whenever he or she goes on to the streets.

Those whom Ronald Butt styles as race-relations pressure groups recognize an obligation to value rather than coldly tolerate the newcomers in our midst. Many are descended from those whom our forefathers caused to be carried across the Atlantic and sold, two centuries ago.

A change of attitude may take time and involve pain for us in the process. Those who recognize this obligation cannot be typecast into one mould. This correspondent's friends would have difficulty in describing him as other than quietly conservative.

Yours faithfully,
HEWLETT WILLESSEN,
Chairman,
Community and Race Relations Unit Board,
British Council of Churches,
173 Willesden Lane, NW6,
March 19.

Film cassette piracy

From Mr R. A. B. Cottrell

Sir, Mr Winner (March 18) has obviously not read that neglected masterpiece of English literature, Lord Denning's *Pirate King* judgment in *Rank Film Distributors and others v Video Information Centre and others*. The Copyright Act provides that a copyright owner is entitled to damages equivalent to the depreciation caused by infringement to the value of a copyright, and also, because all illegal copies are held to be the property of the copyright owner, to the total of the value of such copies if they have been sold.

As the last probably prevents a pirate making any profit, one such action should suffice to put any pirate out of business. Yours faithfully,
R. A. B. COTTRELL,
25 Crosby Row,
The Borough, SE1.

LETTERS TO THE EDITOR

Mr Prior's plan for Ulster Assembly

From Mr Julian Amery, MP for Brighton, Pavilion (Conservative)

Sir, Your leading article (March 22) on Mr Prior's proposed Assembly for Ulster overlooks a fundamental issue.

The founders of Ulster Unionism, Carson and Craig did not want devolved government. They wanted to play their part at Westminster along with representatives from the rest of the Kingdom. It was the British Government which imposed Stormont in the hope that Dublin and Belfast would eventually co-operate in a Council of All Ireland.

The result was that the real political leaders of Ulster remained at Stormont while MPs who came to Westminster, though often personally distinguished, had little political influence. None of them ever sat in a British Cabinet. Ulster was thus deprived of a natural goal for political ambition and denied the wider and more tolerant horizons which could have followed from taking part in the government of the United Kingdom. With Stormont as a political focus, Ulster politics inevitably became increasingly parochial and sectarian differences were correspondingly polarised.

Yours faithfully,
JULIAN AMERY,
112, Eaton Square, SW1,
March 22.

Palestinian homeland

From the Ambassador of the Hashemite Kingdom of Jordan

Sir, Reading the advertisement published in *The Times* of March 16 under the title "Peace in the Middle East" one cannot help but remember Arnold Toynbee's wise words:

Right and wrong are the same in Palestine as anywhere else. What is peculiar about the Palestine conflict is that the world has listened to the party that has committed the offence and has turned a deaf ear to the victims.

From the terms of their advertisement it is clear that the Vedanta Movement, like so many others before them, have been listening only to "the party that has committed the offence". That has led them into expressing views that are both unjust and ill-founded. They have lent themselves to a campaign which Israeli and Zionist propagandists are carrying on at the present time, to deceive the public into accepting that Jordan is the Palestinian homeland and hence that there is no case for Israeli withdrawal from the West Bank and Gaza and for the establishment of a Palestinian state on Palestinian soil.

The advertisement invites the Palestinians to accept a version of history which is, to say the least, tendentious.

At the time when the League of Nations issued its Mandate, the territories east and west of the Jordan River were administered separately for many centuries. Throughout the period of Ottoman rule Jordan was part of the vilayet (province) of Syria. Palestine was divided into three sanjaks (districts), one (Jerusalem) administered directly from Istanbul, and two attached to Beirut. As Norman Bentwich (the Jewish lawyer who served as Attorney-General in Palestine during the Mandate) observed in his book, *Palestine*:

The understandings given during the war to the Arabs as to the autonomous Arab region included the territory (east of the Jordan), and it also required to publish examination results wherever appropriate. As mothers have little real choice except to accept a hospital confinement, surely mothers should have access to information about maternity hospitals, so they can make an informed choice between hospitals as they can between schools.

To ensure this, maternity hospitals should be required to publish information about their policies i.e. labour ward practices, infant feeding methods, and about their results, i.e. rates for induction of labour, epidurals, etc.

Yours sincerely,
DIANE PACKHAM,
9 Moorfield,
Newcastle upon Tyne,
March 18.

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Yours faithfully,
STANLEY STEWARD,
The Athenaeum,
Pall Mall.

Electricity policy

From Mr Stanley Steward

Sir, Professor Cassels (March 18) in justice to the CEBG (Central Electricity Generating Board) points out the impossibility of forecasting electricity demand over long periods and makes valuable suggestions for reducing the time scale.

There is another aspect which needs to be born in mind and that is the need to develop from a temporary excess capacity when nuclear power is involved. During

the next decade this would be a boon as it would bring forward the retirement of stations with thermal efficiencies of around 20 per cent and their replacement by modern plants operating at 40 per cent. Spare nuclear capacity would also enable more coal to be used as an oil and gas substitute and as a valuable raw material. The CEBG's forecasts could well turn out to be a blessing in disguise.

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STANLEY STEWARD,
The Athenaeum,
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Yours faithfully,
STANLEY STEWARD,
The Athenaeum,
Pall Mall.

Saving a Stubbs for the nation

From Mr Martin Butlin

Sir, As the expert adviser whose successful appeal to the Export Reviewing Committee led to the withholding of the export licence for George Stubbs's "Groomer with John Pratt" on Newmarket Heath, I cannot let pass Julian Pritchard's letter in your issue of March 22. That I was successful in my application, and that the National Heritage Memorial Fund and the Victoria and Albert Museum are both prepared to make large contributions towards the purchase of the picture, is perhaps an answer enough. However, certain points in Mr Pritchard's letter possibly deserve more specific treatment.

Mr Pritchard suggests that the reputation of Stubbs in this country is somehow exceptional. The very fact that the price of £750,000 has been offered by a private American collector gives the lie to this suggestion. There is also a considerable interest in Stubbs on the Continent. For instance, the authorities of the Louvre have made known their interest in putting on a large-scale exhibition of the artist's work.

Mr Pritchard devotes a whole paragraph to what he sees as the ineptitude of Stubbs's composition. In fact the close juxtaposition of forms to which he takes exception is a deliberate and positive feature of Stubbs's painting. Many of Stubbs's most successful compositions play games, as it were, with such juxtapositions. On very rare occasions these games fail to come off but in this picture anyone with an eye for classical composition must surely see that Stubbs has created a masterpiece of design.

Mr Pritchard's letter reflects, however, a more general view which alas, still seems common in some quarters, that a picture of a horse is necessarily inferior to a picture of some more elevated subject. Over the years Stubbs has gradually become acceptable to the art establishment, largely on the basis of those exceptional pictures that go beyond conventional sporting art to cover a wider range of subjects, as for instance in the series of pictures of mares and foals or the more elaborate compositions showing Gimmerack racing at Newmarket.

But it is Stubbs's very achievement in the well-worn tradition of the horse portrait that makes this particular picture so exceptional. He has taken an accepted genre and transformed it into a masterpiece and it is for this reason that nothing must stand in the way of the Fitzwilliam Museum's gallant attempt to save the picture for the nation.

Yours faithfully,
MARTIN BUTLIN,
Keeper of the Historic British Collection,
Tate Gallery,
Millbank, London SW1,
March 22.

A great reformer

From Bishop Norman Sargant

Sir, May I draw your attention and the attention of your readers, who may come to London for the festival of India and deplore the fact, that there is no memorial in this city to one of India's most illustrious sons, the great reformer Ram Mohan Roy (1772-1833).

He stayed in London from 1831 to 1833 to give evidence before a select committee of Parliament and to appear before the Privy Council on such important matters as the renewal of the East India Company's charter and the abolition of *Sati* or widow-burning. He lived for most of this time at 48 (renumbered 49) Bedford Square as the guest of the Hare family, well known to him in Calcutta and who were present at his death in Bristol on September 27, 1833.

The place of his death here is commemorated at Purdown Hospital and that of his burial at Arncliffe, West Yorkshire. Could there not also be some commemoration of his valuable labours in London, if possible at Bedford Square; too late perhaps for the festival but in time for the 150th anniversary of his death?

† NORMAN SARGANT,
Honorary archivist,
Bristol Cathedral,
College Green, Bristol,
March 18.

Paper chase

From Mr G. D. Dew

Sir, I can assure Miss Holbrook (March 16) that it doesn't make the slightest difference. Today I received an amended notice of coding dated the day after the Budget giving me the 1981-82 married allowance of £2,145!

Yours faithfully,
G. D. DEW,
8 Michelham Gardens,
Twickenham,
Middlesex,
March 16.

Winning smile

From Mr L. Murphy

Sir, Your picture today (March 19) of Dr Runcie receiving such a great smile from a patient at St Joseph's Hospice shed its own glow over an otherwise sombre morning. Both priest and patient were a moving testament to Christian love in action.

There is an example here for all of us to emulate not least those people who vilified Dr Runcie in his Liverpool chair.

Yours faithfully,
LARRY MURPHY,
10 Hove Park Way,
Hove,
East Sussex,
March 19.

Mental health

From Mr Malcolm Hurwitz

Sir, The concerted attack in your letters column (March 4, 12 and 13) on clause 38 (iii) of the Mental Health (Amendment) Bill is unduly alarmist. All your correspondents paint a disturbing picture of the consequences of requiring a patient's psychiatrist to obtain a second opinion for drug treatment if the patient is capable of giving consent but is unwilling to do so.

Professor Gunn and his colleagues, like Mr John Pringle, take the extreme cases of a gravely disturbed patient or a doctor's "sickest patients" and suggest that the doctor could "lose control" or that "a patient will get no treatment should the patient's consultant psychiatrist and the medical commissioner

disagree". The weakness of the logic of this argument itself suggests that it would be an advantage to have a check on psychiatric practice.

None of your correspondents realises that a disagreement between two psychiatrists in itself casts doubts upon the suitability of the proposed treatment in a particular case. A further overstatement of their argument is to assume that such a disagreement would lead to "no treatment" and turning hospitals into prisons; but it is surely more reasonable to assume that a discussion between two doctors might well result in a different, but agreed, treatment.

Mental health review tribunals have always had the power to discharge certain patients from hospital when their consultants have been unwilling to do so. If a

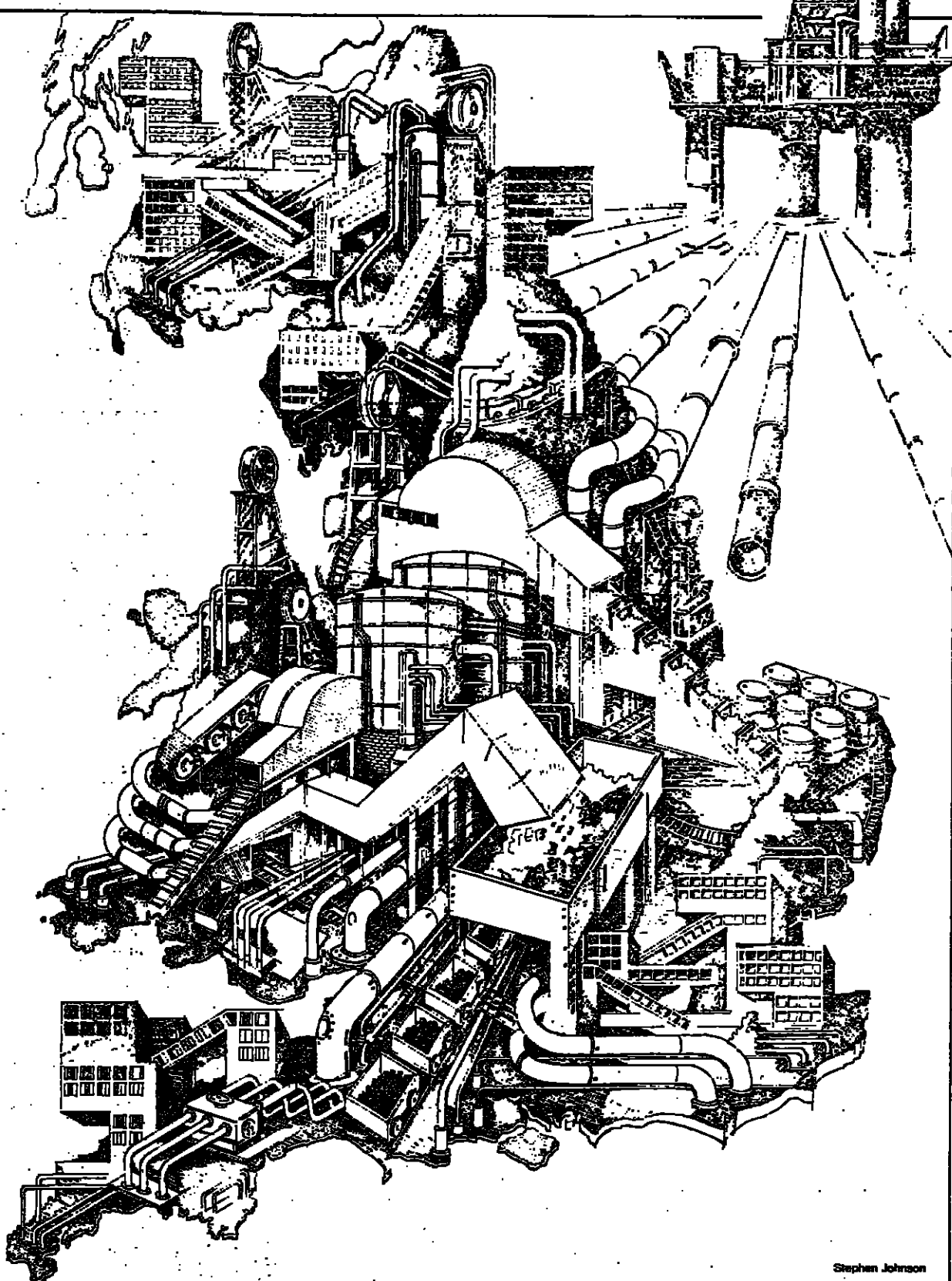
doctor's judgment in such matters can be reviewed by a tribunal only one of whose members is a psychiatrist, it is a lesser invasion of his clinical judgment for it to be confirmed or denied by a fellow professional in the case of a particular treatment.

The vast majority of cases will be straightforward and clear-cut and, if this is so the exceptional cases cannot be used to deprive patients of the dignity of having a say in their own treatment. The time has passed when the word of any expert must be accepted unquestioningly.

Yours faithfully,
MALCOLM HURWITZ,
(Legal Member, Mental Health Review Tribunal),
91 South Road,
Southall,
Middlesex,
March 15.

World oil supplies are in disarray. Britain is cushioned to some degree because of an abundance of resources. Yet this mixture of coal, oil, gas and nuclear reserves has not cured our economic ills. We look at the policies, promise and the problems that lie ahead.

ENERGY



Stephen Johnson

Suddenly the tables are being turned on all sides in the energy debate. With oil prices falling, the Organization of Petroleum Exporting Countries in uncharacteristic and disorderly retreat and energy demand all over the world sharply down, it is no longer realistic — or fashionable — to talk of the new, permanent energy crisis.

Such grim forebodings were commonplace during the second great oil price "shock" in 1978-80, and yet, less than two years later, such has been the turnaround in the balance of power between energy producers and energy consumers that the International Energy Agency now feels compelled to warn the West against the dangers of energy complacency. By the same token, President Reagan's administration in the United States is busy rapidly dismantling the great multi-million dollar programme of synthetic fuel development that President Carter intended would free the world from its reliance on conventional energy supplies.

In the short-term the outlook on the energy front is undoubtedly much more encouraging than nearly anyone could have foreseen even 18 months ago. Major strategic decisions about the balance of both future energy demand and energy supplies have still to be taken, but the advantage now is that these decisions can be — or at least should be — taken in a more rational and unpressured climate than was possible in the turbulent months that followed the overthrow of the Shah of Iran at the end of 1978.

The crucial question now for Britain as for the rest of the industrialized world, is the extent to which the lessons of the two 1970s oil "crises" have been learnt.

The cost of the two crises, in the form of economic recession, declining living standards, and unemployment that now exceeds 30 million people in OECD countries, has been appalling. It would be compounding the folly if the lessons of the experience were now to be forgotten.

There are some encouraging signs that the world is changing its energy habits. The fall in demand over the last two years has been sharper than it would have been if the traditional re-

lationships between economic growth and energy demand (the so-called "energy coefficient") still pertained. In the UK consumption has fallen from 355,900,000 tonnes to 316 million tonnes of coal equivalent in the last two years to a drop of 11.2 per cent. This holds out the hope that there has been a significant degree of lasting energy conservation, as well as switching from high-priced oil to other forms of fuel.

Most academic and industry energy economists believe that this is, in fact, now happening on a significant scale for the first time. But they emphasize that the proof will not become clear until economic activity begins to pick up again in earnest. Energy conservation, now as much as when oil prices were quadrupling in the space of 18 months, is still the cheapest and most efficient way to secure energy supplies.

The drawback is that high energy prices are the single most effective means of stimulating energy conservation, and high energy prices — as the British Government discovered last year — are the source of enormous controversy and political opposition. Industrialists' complaints that for some key fuels such as gas and electricity they were paying more for their energy than their counterparts on the Continent, was a source of grave embarrassment to the Government for much of 1981.

Discount to large users

Key sectors of manufacturing industry, such as chemicals, steel and paper, pointed out that Britain was alone among western industrialized countries in being virtually self-sufficient in energy. Yet they, already stricken by the recession and the Government's tight monetary policies, were being made to pay for this apparent advantage at a time when they most needed help. The Government has since beaten something of a retreat on this front, telling British Gas, for example, to freeze industrial gas prices and urging the electricity industry to give discounts to large industrial users in return for interruptions of their supplies.

The long-term policy of "economic pricing" of energy still holds, however, and is arguably the only sensible course that can be adopted, but the issue is confused by the fact that one reason for the relatively high costs in Britain is the inefficiency of some of its major nationalized energy corporations. The Government's decision to back away from a confrontation with the miners over plans to close down heavily loss-making pits last year underlines that this nettle has still not been thoroughly grasped.

An important public test of Britain's attitude to its future energy supplies will come with the public inquiry into the Central Electricity Generating Board's plans to build its first pressurized water nuclear reactor at Sizewell, in Suffolk. The inquiry, which is scheduled to open in January next year, will be a crucial stage in determining whether this country is willing to opt for a major expansion of nuclear power — and if so, in what form and at what price.

The pressurized water reactor (PWR) is American-designed, and of a type similar to that involved in the accident at Three Mile Island nearly three years ago. Just as much attention, however, is expected to be trained on whether Britain actually needs nuclear power on the scale that the electricity supply industry says is required. The industry had been working on the basis that it plans to build 15 megawatts of new nuclear generating capacity over a period of 10 years.

But the forecasts of future demand for electricity made by the CEBG have erred consistently on the high side, and have had to be downgraded. The industry argues that nuclear power is still the cheapest method of generating electricity (though the statistics are a matter of dispute), and sees it as one means of increasing its efficiency and reducing its dependence on expensive British coal. But critics say that the industry already has a higher margin of spare capacity — 28 per cent — than it needs. The outcome of the debate will be critical to how Britain produces its energy at the end of the century, when North Sea oil — on present projections —

will be starting to decline. Three years ago nuclear power seemed to have strong justification on the grounds of energy need. Now, partly thanks to Opec, it is not so clear-cut. In the light of the fall in energy demand over the past three years, the Department of Energy is once again downgrading its forecasts of the future energy balance. The forecasts it made in 1979 envisaged energy demand rising from what was then 355.9 to between 445 and 510 million tonnes of coal equivalent by 2000.

Important consequences

This would be met by coal (137 million to 155 million tonnes coal equivalent), gas (62 million to 65 million tonnes), oil (100 million tonnes), nuclear and hydro power (88 million to 95 million tonnes) and imports (35 million to 120 million tonnes). In 1980, ahead of the public inquiry into the Coal Board's controversial plans to start open-cast mining operations in the Vale of Belvoir, plans on which the Government's verdict is still awaited, the projections were downgraded showing a demand figure of around 460 million tonnes of coal equivalent by 2000. The latest computer simulations are believed to be showing that the demand in 2000 will be no more than 350 to 370 million tonnes of coal equivalent, in other words little more than the actual figure in 1979.

The projections, if confirmed, will have important consequences. On the plus side they make it virtually certain that Britain will continue to be self-sufficient in conventional energy until the next century, without need to have recourse to expensive imports. But they also cast a doubt not only over the nuclear expansion plans, but over the future of the coal industry, which may now not be required to produce more than it does at the moment. The Coal Board itself is still basing its plans on the assumption that demand for coal will rise, even though, thanks to the recession, it cannot sell all the coal that it produces.

Jonathan Davis
Energy Correspondent

COAL: INDUSTRY'S SECURITY FOR THE FUTURE.

If you're planning the long term future of your company, you should plan it around a source of energy that's going to be around for some time, like coal. Britain has coal reserves which, based on present mining techniques and present levels of production, will last for at least another three hundred years. And, with the improvements in technology that will undoubtedly come during that time, the reserves will last very much longer.

Does your company have this security for the future?

We are sure we don't have to remind you of the three words you can read in the newspapers almost any day of the week: Middle East crisis. We'll leave it to you to conjure up pictures of soaring oil prices, unreliable supplies and increasing tight stock.

In fact, there is now no concrete argument for not installing coal fired boiler equipment, particularly if your company is planning to be around for some time. Maybe even in 300

years time. And isn't that important? Coal: be prepared to be surprised.

There have been some very impressive advances in boiler technology and combustion equipment, as well as methods of coal and ash handling.

The whole operation may be very different from how you imagine. It's extremely efficient.

It's now possible to operate in excess of 80% thermal efficiency with modern coal fired plant, which makes coal firing both very economic and competitive.

It can be completely automatic with the modern coal and ash handling equipment now available. This permits coal fired boiler houses to be light, airy and clean.

And it's very up-to-date. Over the years extensive research and development programmes have been carried out. The most recent development is fluidised bed combustion.

This technique provides higher heat release rates, which means boiler sizes, and therefore capital costs, may be reduced.

It also means that a wider range of coal can be burned and, with combustion taking place at a temperature below the melting point of ash, boiler availability is greatly extended.

Companies that can see beyond the next twenty years. Many far-sighted companies are using coal fired boilers already.

Take Graham and Brown, wallpaper printers, for example. Their new boiler house (which is maintained in absolute pristine condition) has been very much the cornerstone of the company's expansion.

When planning the installation of the new boiler house other fuels were considered, but at the recommendation of their fuel supplier, Graham and Brown, continued with coal. As David Brown, Director, says "That is the business decision we shall all remember as being of great significance. Just on fuel savings alone we have calculated that in the first 3 years of operating the new boilers we saved £80,000."

This boiler house is truly modern and was purposely designed for coal firing. From fuel reception, no fuel is seen or handled and ash is transported away to a silo to await collection. With modern pneumatic handling of coal and ash this boiler house is very efficient and very clean.

Let us tell you more. The wide range of coal fired boiler plant and equipment is designed to meet every conceivable need, from power generating requirements to small units in commercial buildings.

In addition there is a nationwide network of coal distributors who are strategically situated to give advice and provide an efficient delivery service to industry.

If you would like one of our fuel engineers to visit and give you free, expert advice, contact the NCB Technical Service.

We will also give you information on the recent government grant scheme which provides up to 25% of the cost of switching from oil to coal-fired boilers.

It's worth contacting us now. So that you can help your company to live later.

Send to: The National Coal Board, Technical Service Branch, Marketing Dept., Hobart House, Grosvenor Place, London SW1A 7AE.

Name _____
Title _____
Company _____
Address _____

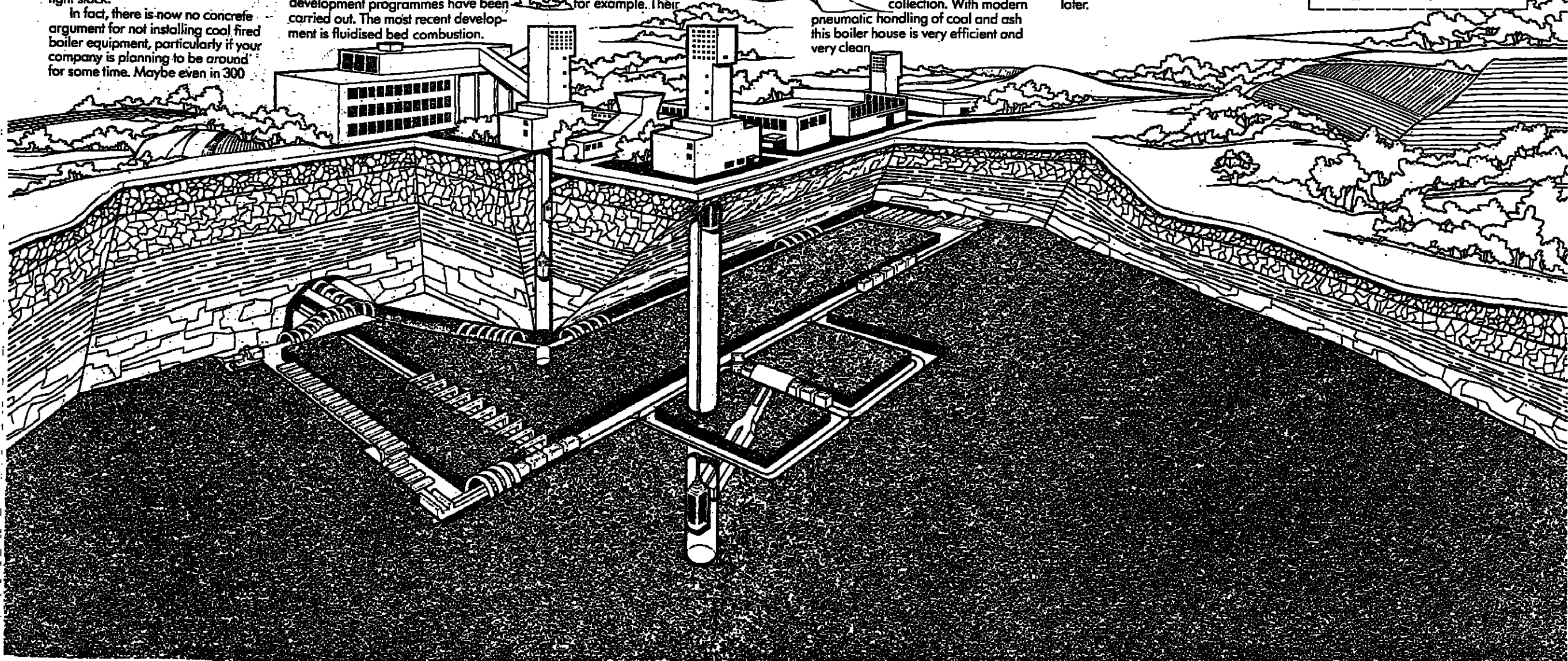
I would like some technical leaflets on modern industrial burning equipment. I would like one of your fuel engineers to visit my company.

We are considering installing new industrial boiler plant. Please tell me more about the Government grant scheme.

125/3, 22C

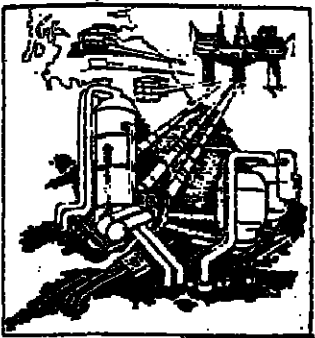
NCB

COAL: BRITAIN'S ENERGY INSURANCE



The North Sea

Maturity brings its own problems



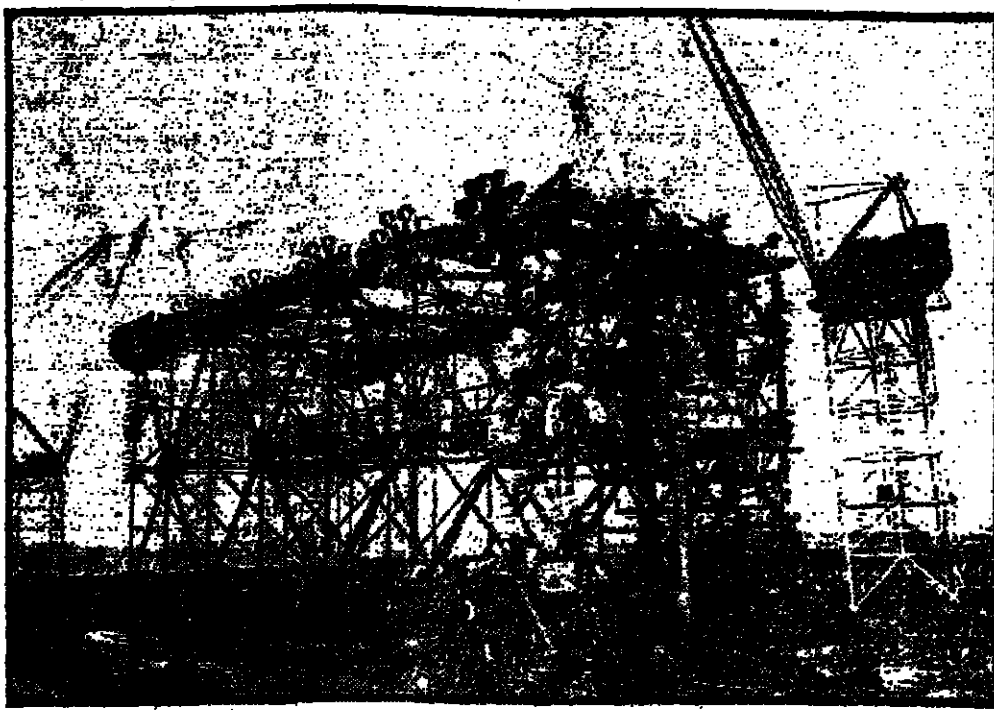
It is only six and a half years since oil started flowing from the North Sea, but already Britain has become self-sufficient in oil and is now the non-communist world's fifth largest oil producing country. Official government projections show that Britain will continue to produce more oil than it consumes some way into the 1990s, with a fair chance that this period as a net exporter of what is the western world's key internationally traded commodity will continue into the next century.

The impact on the nation's finances, in the form of revenue from North Sea taxes, is now of major significance. When the present Government came to power in 1979, revenues from offshore oil were running at less than £600m a year. In the current financial year, ending next month, they are expected by the Treasury to total £5,400m, and by 1984/85 the yield will be £8,000m. By then North Sea oil will account for five per cent of the country's gross national product.

The scale of these figures underlines that the North Sea has become what in oil industry jargon is called "a mature province", one that has passed from being an uncharted and technologically daunting area (as it was when exploration first started in 1964) to one where sustained production from a score of proven fields emphasizes how successfully the economic and technological challenges have been met.

It is all too easy, as oilmen sometimes plaintively observe, for the average Briton to forget the sheer scale of what has been achieved in the last 18 years. Only one field, the Beatrice development in the Moray Firth, is within sight of land, and that is in an area of little population. Consequently, the vast majority of people have little inkling of what is actually involved in producing the oil miles from shore in some of the deepest water and most hostile weather.

That said, maturity is not without problems of its own. It is probably fair to say that, in its entire history, the North Sea has never generated so much political controversy as it has in the last couple of years. At one level this has taken the form of a growing feeling among many politicians, economists and industrialists that the economic benefits of the North Sea are being squandered — and in some extreme cases,



Construction of massive oil rigs, such as that in this picture, is only one of a range of new engineering and technology industries in support of off-shore work established in Scotland, and other parts of Britain. They all have increasing export potential.

that we would be better off if the oil was left where it is. The tide of that campaign is now probably beginning to ebb in line with the worst of the economic recession. It is more than being made up for, however, by the future over the Government's State-owned energy corporations, the British National Oil Corporation (BNOC), and the British Gas Corporation.

When he announced the so-called Oil and Gas (Enterprise) Bill last autumn, Mr Nigel Lawson, the Energy Secretary, hailed it as the "largest measure of privatisation ever placed before Parliament". The Bill, which looks set to obtain Royal Assent by July, would open the way for the sale to the public of 51 per cent of the shares in the exploration and production assets of BNOC, leaving the corporation's oil trading activities as a 100 per cent State-owned concern.

The legislation's impact on British Gas would be even more profound. It paves the way for the enforced sale of the corporation's North Sea oil assets (which are not inconsiderable) — and even more importantly — would break the corporation's effective monopoly powers of purchases over all offshore gas discoveries.

Opposition to Mr Lawson's Bill has largely focused on the sale of the oil assets. Critics say that, particularly at a time of falling oil prices which have depressed the current market value of all oil shares, the BNOC sale will be tantamount to selling off valuable national assets at "knockdown" prices, purely for short-term Treasury gains.

Opposition MPs, backed up by some members of BNOC's own board, also claim that the sale will threaten the security of the country's oil supplies in the event of

another future oil crisis. This is denied by the Government. Security of supplies will be maintained, Mr Lawson insists, by the retention in State hands of the oil trading arm of BNOC. This already handles, under a number of statutory agreements with oil companies, nearly two-thirds of the 1.9 million barrels of oil a day produced from the North Sea.

There is a growing feeling in the City and in Whitehall, however, that the sale of shares in BNOC will have to be postponed beyond the original target date this November.

It is the gas provisions, however, that could have the greatest effect on the future of the North Sea. Gas, in fact, is rapidly coming out of its shadow as the poor relation of oil as a major source of offshore energy supplies. The first gas from the southern North Sea, off the coast of East Anglia, started flowing as long ago as 1967, and current production at 3,330 million cubic feet a day accounts for about 80 per cent of domestic supplies. There is no doubt that there are additional reserves of gas in the North Sea that could be developed very quickly.

'Peppercorn' prices condemned

Oil companies have consistently complained that British Gas has used its monopoly purchase powers to pay "peppercorn" prices for supplies.

The Government's legislation means that oil companies that find new gas fields will be free to sell direct to large industrial customers if they so wish and use the British Gas pipeline network to transport it to them. This, says Mr Lawson, should open the way for greatly increased exploration for gas, as well as for better deals for the industrial customers. The oil industry, so far at least, has been surprisingly cool in its response to something for which it had previously pressed so hard. Its argument is that, unless it is allowed to export gas to the Continent, something which has never yet happened, and which Mr Lawson says he is not yet ready to consider, British Gas still has a considerable grip on the gas supply market which will effectively render the law a dead letter.

Only time will tell whether this is the case, but it is undeniable that gas will become a far more important element in the North Sea equation throughout the 1980s. The fuel's growing importance was underlined in another way last year with an acrimonious argument, inside and outside the Government, about plans to build a 470-mile "gas gathering" pipeline down the centre of the North Sea. This am-

bitious project, costing more than £2,000m and billed as the largest civil engineering scheme of its kind, was designed to collect gas produced in association with oil from several oil fields. Although supported by Mr Lawson's predecessor as Energy Secretary, Mr David Howell, this was ultimately abandoned by Mr Caine after the refusal of oil companies to invest in the pipeline without government guarantees.

Although the short-term outlook for North Sea oil is undoubtedly bright, a number of major uncertainties and problems are looming.

Production from existing fields is expected to continue to build up from 1.9 million barrels a day to a peak of between 2.2 and 2.3 million barrels a day in 1985, after which it will start to decline, at first slowly and then, in the 1990s, rather more rapidly. With the start-up of two new developments, Fulmar and North Cormorant, last month, there are now 20 fields in production, with another six scheduled to come onstream by 1984. It is what happens after that to which the oil industry is now turning its attention — and where the problems may lie.

Shortage of oil is not the difficulty. Taking existing and likely future discoveries together, Mr John Raisman, chairman of Shell UK, estimates that as many as 70 new fields could be developed over the next two decades. The problem is that they will be smaller, more expensive and in some cases more technically demanding than the ones found so far. The cost, according to Mr Raisman, could be as high as £60,000m, equivalent to roughly half the annual public spending by the government.

There are two main constraints which could prevent these investments being made. One is the price of oil. The other major constraint could be the level of North Sea taxation, a subject of heated controversy between the Treasury and the oil industry. Oil companies have stepped up their complaints that the existing four-tier oil taxation regime is too burdensome, and have warned that it could adversely affect the pace of future exploration and development.

The Budget earlier this month, in which the Chancellor refused to reduce the overall burden of oil taxes despite some structural changes, shows that the Government still does not — or cannot afford to — believe them. What is clear is that, with a top marginal rate of 89 per cent and an average take from each North Sea development of between 75 and 85 per cent (the figure is disputed), North Sea taxation is about as high as it can go.

Jonathan Davis



All the technology in the world cannot bring North Sea oil ashore without the intervention of the new breed of workers — roughnecks, toolpushers and a battalion of other men prepared to accept hardship for high rewards.

Coal

Slack today but there is a glowing outlook



This is the year of change for Britain's coal industry. The personalities who have played such an important role in its performance, and the image it presents to the outside world, are changing. Mr Joe Gormley, president of the National Union of Mine-workers, has bowed out and handed over the reins to the much more militant and strident Mr Arthur Scargill.

Who will face Mr Scargill across the negotiating table when the National Coal Board begins talks on the miners' next pay claim is, for the moment, unresolved. Sir Derek Ezra, the present chairman, is due to leave early in July. Whoever succeeds him will face a daunting task in those negotiations, the results of which have long had repercussions throughout the economy.

Whatever the difference of political views and the effect of past confrontations, the chairman of the NCB and the miners' leaders have shared a joint commitment to securing a long-term future for the coal industry. It is a commitment which has been made similarly by both Labour and Conservative governments and is reflected in the present Government's introduction of the latest Coal Industry Bill, which will increase the NCB's borrow-

ing ceiling to £4,500m, or by order, to £5,000m.

That Bill is designed to sustain the industry's capital investment programme at an appropriate level until 1983-84. Over the past ten years governments have provided funds totalling about £3,000m for the coal industry based largely on the document, *The Plan For Coal*, which proved optimistic in its forecasts. Among other things it said that with the expected steady demand for coal, an output target of 135m tonnes by 1985 would be justifiable; that coal's competitive position would be improved as a result of a continuing rise in oil prices; and it also assumed that there would be a 4 per cent annual improvement in the industry's productivity from 1974.

But rarely indeed do plans and confident forecasts turn out to be realistic, however much investment and commitment are involved. In fact, demand for energy in Britain has fallen since 1972-73; oil prices have not risen as steeply as expected (and now are falling quite sharply); and against the background of the deepest recession since

the 1930s, while productivity has improved, the NCB is producing more coal than the market needs.

During February, for example, productivity was at its best ever level with output per manshift at 2.51 tonnes. But faced with a declining demand at home, stocks have built up dramatically. In March 1979 total undistributed stocks of coal amounted to 12.1m tonnes; the figure by the end of this month is expected to be more than double. Financing these stocks has become a major burden on the NCB, increasing its demand for working capital. Interest charges alone are likely to involve more than £360m.

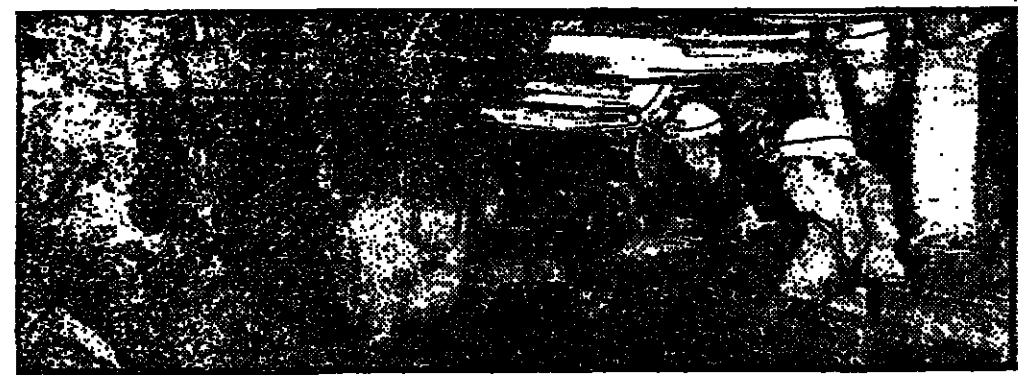
Sir Derek Ezra underlined the scale of the problems in a recent speech but noted that a policy of competitive pricing had enabled the NCB to gain a larger share of the smaller total energy market while, in an effort to reduce stocks, a major effort has been made in promoting exports.

The NCB now exports to more than a score of foreign countries. But whatever the vagaries

of the international oil market and of the international economic scene, the NCB, the NUM and, most importantly, politicians, remain convinced that coal can have a lasting and prosperous future built on reserves, which at the current rate of consumption, are equivalent to about 300 years.

This government, like its predecessor, believes that coal will continue to occupy a central position in the longer term energy scene and, with skill and good business judgment, will be able to expand the existing markets which it serves and open up new opportunities. As Mr John Moore, Parliamentary Under Secretary of State at the Department of Energy, said during the second reading of the Coal Industry Bill: "In an energy hungry world, coal's value grows and grows... its future lies in its use as a fuel for industry, as petrochemical feedstock, as substitute natural gas and, in the longer term, as a source of liquefied petroleum".

Peter Hill
Industrial Editor



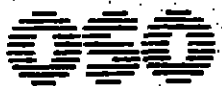
Today coal is hewn by mechanical cutters. In the future, engineers predict, it will be cut, sorted, washed and delivered to the power station in one automated operation.

We put people in touch

If you know about offshore oil and gas you will probably also know about the wide ranging capability of the UK offshore supplies industry — a capability gained in the harsh environment of the North Sea and this applicable to other areas throughout the world. The Offshore Supplies Office of the Department of Energy will put you in touch with the companies which can be of specific use to you. The business of the Offshore Supplies Office is to:

- support the interests of British industry and help it achieve the largest possible share of the offshore oil and gas market.
- help offshore oil and gas operators to identify British suppliers of equipment and supporting services.
- promote new ventures to increase UK involvement in supplying the offshore market.
- provide advice on joint ventures and licensing arrangements.
- encourage research and development by British industry to expand its capability in offshore markets.

If you would like to talk to us, please contact the Offshore Supplies Office, Alhambra House, 45 Waterloo Street, Glasgow G2 6AS, Telephone Glasgow (041) 221 8777, Telex 779379.



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ALFA-LAVAL

If only Nuclear Energy were this simple.

Nuclear energy is one of the most complex issues facing us today. And one of the most misunderstood, because many of the arguments have been based on second-hand information.

And because of this, it is important that you know the facts.

Did you know, for instance, that it is impossible for a power station to explode like an atomic bomb?

Or that the public's exposure to radiation from natural sources is on average some 600 times greater than that from the nuclear industry?

But why do we need nuclear energy? Is it economical? And how does it compare with other available energy sources?

These are just some of the questions that require answers. Answers based on facts.

Fill in and return the coupon and we'll send you the facts. Free.

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Address _____

The Nuclear Power Information Group,
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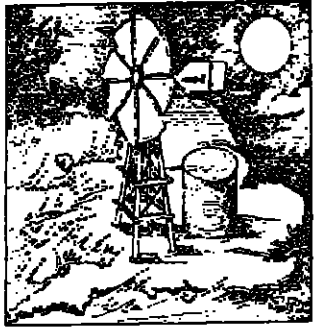
Conservation/Pearce Wright

The dangers of future dependence on imported fuels

Though Britain is energy wealthy with North Sea oil and gas, large coal reserves and considerable nuclear knowledge, we are also an energy-intensive economy. So the quicker we consume our resources of fossil fuels, the sooner our dependence on importing fuel will increase again.

Even with recession, the nations of the world are using more than twice as much energy as in 1960. The development of the North Sea may have cushioned Britain against some of the effects of post-1973 oil price rises, but it is impossible to insulate any country from the basic energy problems of the world.

The way the oil companies, electricity, gas and coal boards tout for business through television advertising is an example of fiddling while Rome is burning. Instead of encouraging the consumption of one type of fossil fuel in preference to another, the national goal should be the fostering of conservation of those diminishing resources and the development of the renewable forms of energy from wind, wave, tide, sun and geothermal heat.



In addition, the generation of heat and the creation of solid and liquid fuels from urban waste and from crops will help stretch the finite sources of energy still further. In the theory of energy economics, conservation can be regarded as a source of supply because of the impact it should have on the life span and price of the fossil fuels.

The drawbacks to this notion are obvious. While the decision to build a new power station is quite straightforward, a decision about the best form of conservation project to support is beset by imponderables.

The main hurdle is fragmentation. For example, central government uses only about 6 per cent of energy supplies. The remaining 94 per cent is consumed by about 20 million households and a host of industrial, commercial, local authority and other public sector users of energy.

It is not easy to arrange these customers into appropriate groups to alleviate energy savings by better insulation, modern electronic controls, new heating and lighting equipment, and better boilers.

Towards less use of resources

The rise in oil prices after 1973 and the knock-on effects it had in other costs demonstrated clearly that Britain was a nation of energy spendthrifts. Having discovered the fact, the job of converting the population into an attitude of energy-miserliness was beset by technical difficulties.

The Government's conservation campaign, based on the slogans Save It and

Switch Off, was positive propaganda. But the process of renovating millions of houses and modifying complicated industrial practices for the sole purpose of cutting down the use of fuel had to be a gradual operation.

One of the most interesting studies of adopting a more rational approach to the use of energy at home, published by the Watt Committee in A Warmer House at Lower Cost, shows that householders must make a moderate technical assessment to get the best return from conservation measures. Yet the degree of technical appreciation is certainly no more than that regarded as the normal level exercised in the

choice of car by most people. In the local authority housing sector many programmes of conservation have gone well beyond the basic provision of insulation. The South London Consortium, and other local authority groups, have changed the pattern of fuel use by many of their tenants by innovation. Modifications range from solar-assisted heating of a terrace of Victorian houses to the complete conversion of poorly designed flats in elderly blocks of property. New houses, particularly schemes at Salford and Milton Keynes, show the savings to be made with purpose-designed low energy buildings.

Solar energy panels being fitted to an experimental house at Milton Keynes

Another major advance in the local authority area is in turning household waste either into fuel, compost or a source of raw materials for recycling. Some of the large cities and towns such as Southampton, Newcastle, Nottingham, Sheffield and Doncaster have made immense progress in this work.

In a more rural area, a method of disposal which turns 99.5 per cent of household waste to good use has been devised between Wiltshire County Council and Blue Circle Industries. At its works at Westbury, about 60,000 to 80,000 tonnes a year of waste are processed by Blue Circle.

Most of the rubbish is burned, and every 4.5 tonnes of waste replaces one tonne of coal in firing the cement-making furnaces.

A similar idea has been adopted by companies, like Thorn-EMI, which have converted industrial boilers from oil-fired to solid fuel. Now, as well as coal, the products from the firm's own waste handling system is burnt.

This makes a double saving on the overall energy bill because, as well as direct fuel saving it means that they no longer have to pay to have waste removed.

One of Thorn-EMI's factories is left with about 3,000 tonnes of waste a year, which in the past, has cost £75,000 to remove.

With this experience, and with a subsidiary, Parkinson Cowan, the group has formed Thorn-EMI Developments to concentrate on research and development of energy sources.

Another exciting development has been the production of a synthetic form of crude oil at the University of Manchester Institute of Science and Technology. An experimental plant which transforms refuse into oil has been designed by Dr Noel McAuliffe and Mr Roger Benn in the chemistry department. Various methods have been well-established by fermentation or pyrolysis.

Those processes are difficult to operate as viable commercial schemes because the fuel tends to have a low calorific value, or because there are by-products which are awkward to handle or the liquid fuel is corrosive. The McAuliffe-Benn method reacts cellulose material, mainly vegetable matter and paper, with hydrogen. The key to the efficiency of the process, carried out in a heated pressure vessel, is a catalyst and processing liquid used to provide a method comparable with a continuous petrochemical plant. Both UMIST and the Salford University Industrial Centre, through which funds from Greater Manchester are channelled, expect no difficulty in a scaled-up version.

It is now probable that electricity generated from sea waves could be cheaper than that obtained by oil. That estimate was offered more than a year ago by Mr Stephen Salter, of Edinburgh University, at a meeting discussing alternative sources of energy, at the Royal Society of Arts.

Some rapid advances in research in the following months justified that optimism. However, a more cautious view prevails in the Department of Energy, which has been the main source of support for wave projects since 1975.

Efforts to exploit the immense amount of energy contained in waves were prompted by an invitation at Edinburgh referred to as the Salter Duck. Other schemes followed quickly and at least six of them are regarded as serious worth pursuing by scientists and engineers in university and industrial laboratories.

Enthusiasts for methods of tapping renewable sources of energy suffer, however, from a handicap familiar to most genuine pioneers. Their arguments tend to take second place in negotiations about the allocation of money for research and development. Established ideas — in this case nuclear, oil and coal — overshadow the innovations that involve a fundamental change in direction in technical, industrial and social terms.

The most serious problem confronting the wave power innovators is probably not the limits imposed by science and engineering, but the psychology and attitudes of those who are wedded to the orthodox approach to fossil fuels. Yet there is no question about the vast amounts of power that are lying offshore waiting to be tapped.

In principle, a 1,000 km

stretch of wave-driven generators in the north-west Atlantic could meet half the Bristol electricity demand. In practice, the power plants producing energy from this source could be a mixture of small to large constructions meeting particular needs, based on national or more local requirements for power.

The Department of Energy chose a figure of 5p a unit for generating electricity as the target that the research groups must meet to be considered for the review of wave energy that has just taken place. Rather to the surprise of the group of advisers, who have been evaluating wavepower for the Government, the special Energy Technology Support Unit at the Atomic Energy Research Establishment, Harwell, that cost has been met by several of the possible devices.

Moreover, at least two of them are ready to be converted to a prototype to go to sea. One is an academic-industrial-based invention known as the Sea Clam, already supported by private money from Sea Energy Association, which is a consortium led by Ready Mixed Concrete and Cawood Groups backing an invention of Lanchester Polytechnic, at Coventry. Plans are ready for a two-thirds scale model to be built in the Howard Doris dry dock at Loch Kishorn, and put to sea off Milford Haven. It would cost £10m and generate 2 mw electricity.

The other device known as the Oscillating Water Column has been developed by the National Engineering Laboratory. It is designed to have a life of 60 years, standing on the seabed. A 4.5 mw version could be built in the Clyde shipyards for use off the Hebrides for £20m.

The best known of the contenders, and the most technologically adventurous, is the Salter Duck. Its inventor believes that the merits of the device would be confirmed one way or another with a £500,000 a year programme for five years.

The missing tonnes

For every three tonnes of coal, oil or nuclear fuel used to generate electricity, only one tonne is delivered as useful energy to the consumer. The other two tonnes are discarded as waste heat; about 55 per cent of the original energy is lost in the cooling water and 10 per cent goes up the chimney.

The Central Electricity Generating Board has been frequently reminded that it is possible to use much of this lost energy, by operating power stations to produce both electricity and heat supplies. Instead of discarding two-thirds of the energy, the hot water is distributed for space heating in homes and offices.

There is a technical catch of course, it means that the power stations have to be operated in a slightly different way. To provide a suitable supply of heat, there would be a small reduction in the amount of electricity generated with a corresponding increase in the temperature of the water distributed. It is already done in Germany, Sweden and Denmark. The potential saving of fuel in Britain would be equivalent to 30 million tonnes of coal a year.

That estimate was made by a group under the chairmanship of Dr Walter Marshall, set up in 1974 by the Government, to examine the prospect for combined heat and power in the UK. They concluded that if the average fuel prices doubled over the 20 years from 1979, and they have almost done that already, CHP could become the cheapest way to heat homes.

However, the capital cost of providing the network of pipes would be high. The Marshall report recommended a demonstration scheme in at least one major town.

Subsequent action has been slow. But the Department of Energy recently appointed the consulting engineers W S Atkins to make a comparison between nine locations in the choice of the area for the demonstration project. The places are Belfast, Edinburgh, Glasgow, Leicester, Liverpool, London (East), Manchester, Sheffield and Newcastle.

The CEGB has a beguiling reply to those who criticise it for not offering combined heat and power. Mr Clegg, the board's chairman, told the District Heating Association earlier this year that those who believe they have a use for reject heat should "come and get it". The board is prepared to make it free at a power station boundary. But there would be no guarantee of quality, quantity or continuity of supply.

Energy conservation is a profitable business

Energy conservation makes sound financial sense — because obviously the less energy you waste the more money you save. As fuel costs will undoubtedly continue to rise this will continue to make sense.

Britain has a lot of natural gas in the North Sea and elsewhere around our coasts but gas, like any form of energy, or indeed any valuable commodity, needs to be used wisely.

Most gas users could reduce consumption by 10% with very little effort, and no discomfort — by the use of simple, no-cost good-housekeeping measures. And the total saving would be more than £250 million in one year.

Here are some ways in which British Gas can help you to save fuel:

Technical Consultancy Service

Each gas region has a Technical Consultancy Service to help industrial and commercial customers achieve greater efficiency in the use of gas. These units offer expertise on the design of new plant, carry out item-by-item surveys to ensure that existing plant is working at peak efficiency, and give sound practical advice on how to save fuel. All these Technical Consultancy Service units, have the back up of ...

The Midlands Research Station

... at which British Gas furthers research and development into increased efficiency in gas use by industrial and large commercial organisations.

Watson House

... which continues British Gas research and development for domestic and small commercial applications is continually working with manufacturers to develop new and more efficient appliances.

The British Gas School of Fuel Management

This unique facility has helped train thousands of managers from industry, commerce and local authorities to save fuel.

Gas Energy Management Awards

These awards are presented to those partnerships of industrial or commercial organisation and gas region Technical Consultancy Service which have made outstanding contributions to the efficient use of gas.

Energy Advice Centre

A British Gas Energy Advice Centre is now open in Birmingham; it has proved an instant success and is helping many industrial and commercial concerns, public authorities and students, as well as the general public.

Energy Conservation Makes Sense

The benefits of the gas industry's wealth of experience in the more efficient use of fuel are at your disposal. Make it your business to see how we can help you — fill in the coupon below.

To: British Gas Technical Consultancy Service, 326 High Holborn, London WC1V 7PT.

- ☐ Please let me have details about the Service.
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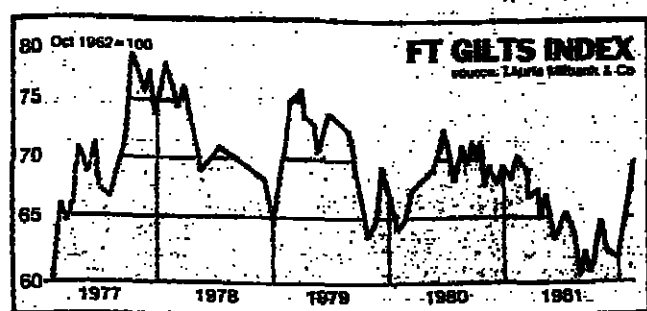
TELEPHONE

BRITISH GAS



BUSINESS NEWS

Boost for securities



A further rise in gilt-edged stock yesterday boosted the FT Government Securities index by 0.49 to 69.55, only 1.06 short of the 1981 high. Gilt have been encouraged by the Chancellor's Budget decision to raise this year's monetary target, by recent good news on inflation, and by a possible future scarcity of conventional stocks, as the Government makes more use of index-linked gilts. But the future course of United States interest rates, which could put pressure on sterling, remains a worry. *Business Editor, page 15*

US inflation rate slows

The sharp recession and falling petrol prices slowed the rise in United States inflation to an annual rate of 3 per cent in February, the smallest gain since July 1980. Some economists even predicted that the recession, a worldwide oil surplus and abundant food supplies might produce small declines in the consumer price index in the coming months. The level for February rose a seasonally adjusted 0.2 per cent, against 0.3 per cent in January.

Steel cuts to cost 400 jobs

Over 20 per cent of British high alloy steel casting capacity is to be phased out under a voluntary scheme which will involve five foundries closing with the loss of 400 jobs. The 11 foundries which remain will pay a levy, spread over five years, towards the closure costs. The axe will fall heaviest at the Low and Bonar foundry at Slough, which has made heavy losses and where 200 jobs will go.

Burton tops profits forecast

Burton Group, the Top Man, Top Shop and Dorothy Perkins clothing chain, has topped its profit forecast with a 25.7m rise to £14.2m in the half year, sending the shares up 11p to 170p. This compares with £16.4m made in its last full year to August and puts Burton on course to make about £20m this year. For the first time in five years, shareholders are treated to a higher half-year dividend — up to 3.57p gross against 2.86p.

Poles repay

West German banks have received almost all the 1981 interest payments due from Poland. Banking sources are confident that the March 26 deadline for completion of payments to all 501 western creditor banks will now be met. This is a precondition for rescheduling £2,400m (£1,333m) of 1981 debt.

MARKET SUMMARY

Shares leap back to life

LONDON EXCHANGE

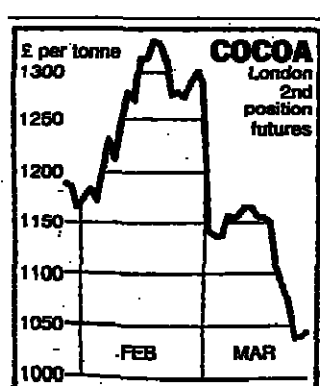
FT index 584.3 up 6.2
FT 100 69.55 up 0.49
FT all share 525.75 up 3.05
Bargains 24,020

Overnight firmness on Wall Street, hopes of lower interest rates and a crop of healthy results brought life back to the stock market, with the FT index closing up 6.2 at 584.3. Impetus came from a 31p to 33p rise in Mr Geoffrey Kent, the newly-installed chairman, gave a cautiously optimistic picture of prospects to analysts. In the tobacco division, where rationalization has recently cut out 1,700 jobs, he said the group was going for margins as well as volume. The brewing division is expected to do a lot better, but the impact of the sterling exchange rate on the Howard Johnson division could depress any improvement there.

The chairman said forecasts of £150m pre-tax in the present year were over-optimistic, and most analysts are now looking for around £130m after last year's £108m.

Confirmation that S. Pearson was in talks with its 64 per cent owned subsidiary Pearson Longman provided a further boost to the shares, with S. Pearson 40p better at 252p and Pearson Longman putting on 19p to 291p. There were gains for most leading equities with GEC up 8p to £290, but Vickers shed 4p to 160p ahead of final figures today which should show a modest improvement but not the much talked-about rights issue.

COMMODITIES



London cocoa prices continued their modest rally. March material gained £1 to £1,039 a tonne, while the May contract put on £3 to £1,044. There was some buying from the Continent. But the market is still overcast by the prospect of a supply surplus.

CURRENCIES

Gold extended Monday's rebound from last week's losses on short covering, helped by easier United States interest rates. Dealers reported that producers were taking advantage of the rally to make sales.

LONDON CLOSE
STERLING
\$1,802.5 up 20 points
Index 91.2 down 0.1
DM 4.3100
Yen 11.2900
DOLLAR
Index 114.9 down 0.1
DM 2.3645 down 35 pts
GOLD
\$329.50 up \$8

OTHER EXCHANGES

Tokyo: Nikkei Dow Jones index 7,087.80 up 32.42
Hongkong: Hang Seng index 1,221.18 down 2.01

TODAY

Phillips and Drew International Investment conference. British and South Asian Trade Association conference on Anglo-Indian business prospects. Education, Science and Arts Committee on biotechnology. New vehicle registration new orders (January). Board meetings—interims: Armstrong Equipment, Blue Bird Confectionery, Maynards, Sirdar, James Walker, Finesse, Bestobell, BICC, Church and Co., Richard Clay, Clifford's Dalmeida, DRG, Eagle Star, Hepworth Ceramic, A. Jones, Jones and Shipman, Laing Properties, Percy Lane, London and Manchester Assurance, J. N. Nichols (Vimto), Prudential, Rockware, Rotork, Slough Estates, Vickers.

MONEY MARKETS

Overnight money was tight but period rates tended easier in late trading. The Bank bought £374m of bills at unchanged rates, having raised its shortage forecast from £350m to £450m. Domestic rates
Base rates 13%
3 month interbank 13-16-13%
Euro-currency rates
3 month dollar 14-14 1/2
3 month DM 9-10 1/4
3 month Ft 28-28

Nigeria bans imports as oil revenue falls

By Melvyn Westlake

Nigeria has suspended almost all its imports because of falling revenue caused by the world oil glut, according to a Reuters report last night. The decision is likely to hit Britain hard. A fifth of Nigeria's non-oil imports, worth £1,200m, came from Britain in 1980, making Britain the biggest exporter to Nigeria. The figure is thought to have risen last year.

The suspension has been effected, according to the report, by the Nigerian Central Bank telling banks there that, from yesterday, they could issue no more letters of credit, the means through which most imports enter the country.

The step was taken because oil is Nigeria's main source of foreign earnings. It has been cutting production to try to prevent a price falling even further. Production fell to 1.5 million barrels a day last month from more than 2.3 million barrels during 1979. Under a production-sharing agreement reached last week, end with other Opec oil-exporting nations, it has agreed to a further cut to 1.3 million barrels.

At the same time, Nigeria has been losing customers because until this week it was demanding \$36.50 a barrel for its crude oil, while Britain was offering similar quality at \$31 a barrel. It agreed at the Opec meeting to trim its price to \$35.42 a barrel.

It was not immediately clear in the Reuters report how long the curb will last. But it does appear that the Nigerian Government has decided to cut

Two more directors resign from ACC

By Drew Johnston

Two more directors have resigned from the board of Associated Communications Corporation. They are Sir Leo Plinsky and Sir Max Aitken. Their decision comes only a day after the resignation of Lord Marshalls.

Mr Robert Holmes a Court, whose TVW Enterprises is bidding for control of Associated Communications Corporation, is now asking City institutions to nominate at least two new directors of stature and independence.

Sir Leo, a former Permanent Secretary and £5,000 a year non-executive director of ACC, said: "I am no longer prepared to have my name associated with the company."

With Lord Marshalls, chairman of Fleet Holdings, as chairman while the takeover battle for ACC continued.

Two other non-executive directors, Mr Ellis Birk and Mr Norman Collins, who supported the move to oust Mr Holmes a Court, remain on the board. Sir Leo said he had been contemplating resignation for a long time. The second director who resigned yesterday, Sir Max Aitken, is ill and was not party to the boardroom struggle.

Mr Gerald Ronson, whose Heron Corporation is contesting Mr Holmes a Court's bid for ACC said yesterday he was "not surprised" by the resignations. He said Heron was holding its fire until it saw how the present Holmes a Court bids develop.

Another 10p wanted on pump prices

By Jonathan Davis

The big oil companies were quick yesterday to follow Shell's lead and attempt to push up petrol prices by 5p a gallon, bringing the average urban pump price to 160p a gallon for four-star.

BP, the third biggest petrol retailer with about 15 per cent of the market, said "prices would be going up at its BP and National stations from midnight last night. The company claimed that its losses on petrol have been running at about 55m a month.

Texaco, the fourth biggest retailer with about 9 per cent of the market, said it would also be raising its prices. Esso, joint market leader with Shell, said it expected to follow suit, although no formal announcement was likely.

All four companies will be raising their prices by withdrawing part of their subsidies to garage, and say that ideally they would like to see another 10p a gallon go on at the pumps, bringing the average price to 170p a gallon—where it was four months ago.

The increase will not be spread evenly across the country. They will be concentrated on urban areas, where some of the fiercest price-cutting wars have been raging. Nigeria is also reported to have been offered cheap loans totalling \$1,000m (£555m) by its fellow Opec members in an effort to persuade it not to cut its oil prices.

'Leak' speculation over Pearson bid talks

By Kevin Page

S. Pearson and Son, which owns merchant banker Lazard, Royal Doulton and Madame Tussaud's, is holding bid talks with Pearson Longman in which it has 63.6 per cent.

The companies were hurried into an early announcement because of a leap of 24p in the Pearson Longman share price on Monday. There was speculation concerning a Stock Exchange "leak" of a possible bid. At last night's price of 291p, Pearson Longman is valued at £120m.

In July 1978, S. Pearson launched a 25p per share bid for Pearson Longman, which owns the Financial Times, the Westminster Press group of provincial newspapers, Ladybird and Penguin Books. The terms of one S. Pearson share, plus 30p cash, were ultimately rejected because of opposition from institutional shareholders.

Then, the offer was undertaken by a scheme of arrangement regarding the approval of 75 per cent of the shareholders. But when the terms have been agreed this time, there is likely to be a straight offer from S. Pearson for the minority.

Mr Michael Hare, chief executive of S. Pearson, said yesterday there were no positive advantages in having two publicly quoted United Kingdom groups. Although the present company consolidated PL debt, it could not group both companies for tax purposes.

Apart from tax advantages, S. Pearson believes buying out the minority would eliminate any potential conflicts of interest, while centralisation would benefit financial planning.

On the recent rise in the Pearson Longman share price, Mr Hare said: "It looks as though there was intelligent speculation or a leak." He thought 750,000 shares had changed hands but S. Pearson was not the buyer.

After the announcement, Pearson Longman shares climbed a further 19p to a 1981-82 peak of 291p. S. Pearson rose 4p to 252p.

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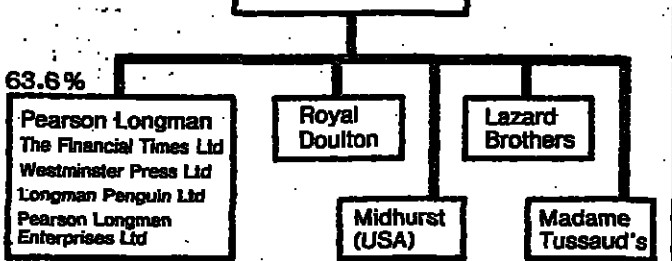
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S. Pearson & Son



Institute of Directors chief attacks 'misrepresentation'

Union leaders 'to blame for unemployment'

By Bill Johnston

Trade union leaders were blamed yesterday as being the prime source of unemployment. Mr Walter Goldsmith, director general of the Institute of Directors, addressing the annual convention of the institute in the Albert Hall, London, referred to "the biggest obstacle to new employment".

The guilty people of the 1970s were the trade union leaders who left Britain with the social, economic and political misery of unacceptable levels of unemployment, he claimed.

"More than any other they are the leaders of the trades unions, with their powers and privileges which they have exploited with selfish disregard for the interests of their fellow citizens and their own members," he said.

Economic failure had been most dramatic where union power had been at its greatest. He gave the mining, printing, and steel industries and the railways and the docks as examples.

"Let me make it clear I am not attacking British workers, be they trade union members or not. I repeat that I am attacking without apology the trade union leadership which disgracefully misrepresents its members," he said.

In the six years to 1979, labour productivity increased 10 times as fast in France, Germany, Belgium and the Netherlands as in the United Kingdom, Mr Goldsmith claimed.

This period he described as the high-water mark of union power, in which Britain's manufacturing output grew at only one quarter of the average annual rate which was



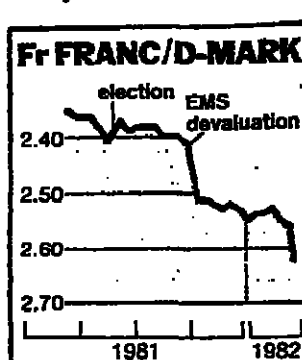
Mr Akio Morita: pull together for common purpose achieved in the previous 10 years.

However, Mr Goldsmith's criticisms were not reserved for trade union leaders. Mr Michael Heseltine, the Secre-

Minister rules out devaluation
Franc sinks to EMS floor

By Frances Williams

Pressure on the French franc showed no sign of easing yesterday as the currency sunk to its permitted floor against the Deutsche mark within the European Monetary System for the first time since its devaluation last autumn. But the French Finance Minister, M. Jacques Delors, said in Paris that the franc would not be devalued and that all speculation was bound to fail.



The franc was fixed in Paris at its floor parity of 2.6205 per DM from 2.6146 on Monday, a fall of more than 2 per cent since the first round departmental elections just over a week ago which sparked off renewed speculation on a further franc devaluation.

The franc traded at its floor for the second day running against the strongest EMS currency, the Dutch guilder, while the dollar climbed to a record Fr6.274 against Fr6.245 on

Monday, a rise of 3 per cent since the beginning of last week.

Dealers reported heavy intervention by the French and Dutch banks to keep the franc from bursting through its EMS ceiling.

The Bank of France also intervened on a substantial scale. It also raised its seven-

day Treasury discount rate from 18 to 20 per cent in an effort to stem the franc's decline.

Euro-Franc rates for short periods soared, with one-week money up to 50 per cent and three-month money up to 27 per cent from 23 1/2 per cent on Monday.

The Belgian franc, considered a candidate for devaluation along with the French currency, also weakened yesterday, trading close to its permitted floor against the guilder.

Elsewhere, the dollar faltered late in the day prompted by a fall in the key Fed Funds rate to below 14 per cent and a consequent drop in Euro-dollar rates. The pound dollar rate, strengthened against European currencies early on, its trade-weighted index rising to its best for a month at 91.5, but eased later to 91.2, down 0.1 on the day.



Lord Harris: fear of basic changes in society

US computer company heads attack on jobs

By Peter Hill, Industrial Editor

Plans to tackle unemployment in depressed regions through the promotion of technology-oriented small businesses were outlined yesterday by five institutions which have formed a joint enterprise Worldtech Ventures.

It plans to apply technological, financial and managerial expertise to support the launch of small businesses.

The project is based on work in the United States by the Computer Company Control Data Corporation, which has established a number of business centres to give small companies access to its services and products. The corporation, which itself has grown from small beginnings until it now employs 60,000 people after 25 years, is being joined by four British companies in the venture.

They are Pilkington Brothers, Sun Life Assurance, Commercial Bank and BSC (Industry), the British Steel Corporation subsidiary set up

to promote ventures in steel-closure areas.

CDC is already involved in similar ventures in Sweden, Israel, Italy and the Netherlands. The British and will concentrate its earliest activities in Scotland, Wales and the North.

The partners emphasized at a press conference in London that its role will be complementary to that of the present regional development bodies and venture capital companies.

Mr Jack Ward, managing director, explained that Worldtech saw its role as a relatively long term one. In areas where it was invited to provide assistance, the company would hope to help to establish up to 50 technology-oriented small businesses, leading to the creation of up to 2,000 jobs, in seven years.

He said the company would be offering access to a worldwide technology-exchange service and a technology marketing service.

Lord Harris of Greenwich, chairman of the company, said: "All five partners were dismayed by the tide of unemployment in the United Kingdom, but also the underlying fear that much of the unemployment was not temporary but a reflection of basic changes in society."

Date set for Japan trade complaint

From Alan McGregor

The first step by the European Community in applying the General Agreement on Tariffs and Trade (GATT) procedures in its complaint against the inadequacy of Japan's imports is expected at the Gatt Council meeting on March 31.

Japan is expected to reply by asserting that it is fulfilling its obligations under Gatt. The initial phase of the talks is largely a formality and should lead quickly to the setting up of a Gatt panel to examine the complaints and make recommendations.

This will be by far the largest trade dispute passed to Gatt which last year handled 13 cases. Most of them concerned specific items such as the United States complaint about EEC poultry imports.

Both parties are likely to make extensive use of Gatt's computerized analyses of world trade flows.

Mr Kiichi Niyazawa, Japan's chief cabinet secretary, said his country will stress its case to Gatt emphatically.

The government spokesman said Japan has a strong case as the European Community's trade deficit with Japan was \$14,000m (£7,200m) last year.

West Germany is ready to curb imports of certain Japanese goods temporarily, if this is called for under an overall EEC import policy on Japanese products, a West German source said yesterday in Bonn.

The source gave a four-point analysis of the West German position:

(1) The EEC is united on its demand to Japan to open up its market further to foreign goods.

(2) Divergences arise among the 10 EEC countries on past or future measures to cope with the inflow of Japanese goods.

(3) West Germany, the Netherlands and Denmark are the most liberal of the EEC nations on the entry of Japanese products, and for its part West Germany will continue this policy as far as is possible.

(4) However, it is important to avoid increasingly restrictive cumulative national policies. West Germany fears that France, Italy and Britain will be tempted simply to shut out "sensitive" items from their market.

Mr Drew Novak, a Japan market consultant in Detroit, said refusal by Japan to ease restrictions on United States manufacturers' access to Japanese markets could spark a trade war.

The Royal Bank of Scotland Mortgage Rate

The Royal Bank of Scotland plc announces that with effect from close of business on 1 April 1982 its Mortgage Rate will be reduced to 13 3/4 per cent per annum.

BUSINESS NEWS/FOCUS AND COMMENT

PEOPLE

From Sony, some Ah-So semantics

When Akio Morita first visited Britain in 1953, he received "a big shock" on finding the natives were unable to pronounce the name of his Japanese firm, Tokyo Tsushin Kogyo Kabushiki Kaisha. So he and his colleagues sought a suitable alternative to bridge the East-West cultural gap.

Their solution was to explore the Latin dictionary and English vernacular, whence they plundered *sonus* (sound) and a contemporary expression, "sonny boy".

Mr Morita explained, "since we were a group of sonny boys working in sound and vision, we agreed on the name Sony".

The dedication which has progressed Sony from a company with £125 capital and 20 workers in 1946 to today's multi-billion-pound corporation employing 40,000 staff worldwide, is still inherent in the outlook of its co-founder, chairman and chief executive. Mr Morita believes in competitiveness, worker-management cooperation, but above all in "the joy of participation and achievement".

Sony has tried, he told delegates at the Institute of Directors' annual convention at the Royal Albert Hall yesterday, "to transplant the concept into Western countries".

Crusading in good form

Walter Goldsmith, unashamed patriot, optimist and director general of the institute, was in crusading good form as he lashed the unions not only as "the prime source of unemployment and the biggest obstacle to new employment" but also as "the chief cause of the catastrophic decline of Britain's economy".

Yet he reserved ammunition for boardrooms as well, accusing some management of spinelessness. He called on members of the institute, whose ranks have swelled by 400 in the last year, to spearhead a new generation of British business, and to enable Britain to become a low-tax, high-incentive and high-pay society.

Guru of all he informs

Our very own high technology guru, Kenneth Baker, demonstrated to the assembled delegates that he was indeed the master of his craft and no mean manipulator of the whole range of available information by illustrating his speech with the aid of video display.

Two large screens flanked the speaker, showing the minister as he held the merits



Baker — no mean manipulator of the new micro-chip age to the masters of British industry. However, it was a help that the Royal Albert Hall was designed to push the products of a symphony orchestra and not to sell the benefits of micro-circuitry.

The minister had to read off some of the details on his slides for those who were in the cheaper seats at the back.

Lunchbox legends

The renowned lunchboxes were well in evidence in every conceivable corner. But where, Sir Keith Joseph demanded, are all women? "This is an almost entirely male audience — we organise things better in the Government these days," the Secretary of State for Education affirmed.

Perhaps it will all be different next year, when Mrs Thatcher has consented to be the main guest speaker.

Nicholas Cole

NEW APPOINTMENTS

Mr Allan McKay is to be deputy chairman of East Midlands Region of British Gas and Mr George Langshaw deputy chairman of North Western Region.

Mr Richard Freeman has been appointed as assistant director of Charterhouse Capital.

Mr D J C Berens becomes managing director of London Trust Company to succeed Mr Lionel Rolfe.

Mr W H Forsey has been appointed as deputy chairman, in addition to his duties as chief general manager of the Royal London — Mutual Insurance Society.

Sir Guy Fison, recently chairman of Saccione and Speed International, has joined Whitehead Mann as a non-executive director.

A secret meeting tried to stave off the 1973 secondary banking crisis

Midnight marathon at the Bank

In the first of two articles on the crisis which faced Britain's banks, Margaret Reid reconstructs the crucial meeting which Mr Gordon Richardson called to shore up Cedar Holdings in an attempt to stop panic in the City.

From 9am on Wednesday, December 19, 1973, until 3am the following day, a sequence of secret meetings took place at the Bank of England.

Present among those involved were Mr Gordon Richardson, the new Governor; Sir (then Mr) Jasper Holm, the youthful-looking Deputy Governor; Sir (then Mr) Kenneth Cedar, the head of the accountancy firm W. H. Cork Gully who was best known as a company doctor and "undertaker"; and a number of key figures from large investing institutions and banks.

The subject was the plight of Cedar Holdings, one of the many secondary or fringe banks which had grown up rapidly alongside the older established banks and whose failure, it was feared, could have dangerous repercussions throughout the banking system.

Cedar, which specialised in the then controversial business of second mortgage lending to individuals and which also held property interests, was on the edge of collapse. It had experienced such a swift outflow of deposits that it was unable to reclaim cash against its loans to some 70,000 borrowers — it would be able to survive only if it received immediate major cash backing.

The adverse swing in the fortunes of this very rapidly expanded but previously prospering business had followed a recent tightening in the Government's economic policies, involving a jump in the Bank of England's key minimum lending rate to a record 13 per cent, and only two days earlier, a tough mini budget from the Conservative Chancellor of the Exchequer, Lord (then Mr Anthony) Barber (then Mr Barber had also been hit by the repercussions of a crisis three weeks earlier at another secondary bank, London and County Securities Group).

It was by no means unprecedented for the Bank of England to concern itself with the problems of a tottering bank. But on this occasion a further important cause for alarm was the danger that Cedar's troubles, if not solved, would be transmitted, through a domino effect, to the many other secondary banks which with much vulnerable short-term borrowing and many assets tied up in the increasingly troubled property industry, were themselves showing signs of being at risk in the harsher new economic environment.

With such a considerable part of the financial sector potentially in jeopardy, who could say what dangers a highly publicised failure might not present for the whole banking system?

A Cedar rescue would require the cooperation of the four institutional investors — Phoenix Assurance and the pension funds of Unilever, the electricity supply industry and the National Coal Board — and of Barclays Bank, Cedar's main clearing bank.

For those cast in the role of rescue party a suite of three rooms on the Bank's



The Governor spells it out. Left to right: Viscount De L'Isle, Mr Cob Stenham, Mr David Clement, Mr Hugh Jenkins, Sir Jasper Holm, Mr Gordon Richardson

first floor was provided. These were the spacious Court Room, which contains a weather vane, at that time registering "deep depression"; the Octagon Room opening into it; and an anteroom. A separate committee room downstairs had been allotted to Cedar's chairman, 72-year-old Mr Jack Morrison, and its other executive directors, including two managing directors, Mr Michael Morrison, the chairman's son, and Mr David Fischer.

Early in the day, Mr Richardson addressed the assembled representatives. On the other side of the table, receiving the governor's appeal — or rather demand — for a support package were ten men speaking for the four institutions which had for some years backed the hitherto very profitable Cedar with millions of pounds of share and loan capital. The party included Mr J. H. Broadfield of the Union (Unilever) pension fund, who was a non-executive director of Cedar, and Mr Hugh Jenkins, investment manager of the National Coal Board pension funds, who was shortly to join the Cedar board. But on this unusually important occasion the institutions were also represented at a higher level, Phoenix by its chairman, Viscount De L'Isle, who also chaired the large secondary bank, First National Finance Corporation.

In short, the assembled party had got to stay in the Bank until the right sort of package was wrapped up. Phoenix and the electricity pension fund, appeared most willing to respond promptly to the Bank's urging. A more critical response came from the coal board representatives and, from most of all, from the Unilever pension fund chairman. Mr Stenham was for hours not satisfied about the case for the proposed large rescue venture.

As the day went on, the Bank piled on the pressure and some sharp exchanges occurred. One of the blunter conversations was between Mr Stenham and Sir Jasper Holm. Mr Stenham was quoted as having said "This

is immensely complicated — we all need time to think" to which, it is recalled, Sir Jasper replied "You have got half an hour". This was far from well received by Mr Stenham, and he is said to have suggested that the remark would more appropriately have been addressed to one of Sir Jasper's clerks.

Bank piled on pressure

Eventually, however, the representatives of the four big institutions all came round to accepting the need for a rescue package and agreed to make available the required large sums.

The four institutions would provide £50m between them, and Barclays Bank would make £22m available, with the right, broadly, to be repaid ahead of the institutions. It was an essential element in the solution that the institutions would in due course take over the bulk of the company's multi-million pound property portfolio. This would enable Cedar to continue as a business not related to finance and generate cash towards the repayment of the rescue advances.

But now it suddenly became apparent that there were serious hesitations about accepting the proposed rescue package among Cedar's top executive directors, who owned large shareholdings.

Just before 6pm that evening, Sir Kenneth, who had received a summons to go over to the Bank of England.

"There was this gathering about Cedar Holdings, a company I had never even heard of before. Everyone was arguing about what to do though most of the plan had been hammered out before I got there," he says.

The emergency atmosphere was accentuated by the pervasive physical chill due to the winter weather. Many of the negotiators wore their overcoats.

A draft for the rescue package was eventually taken down to the separate gathering of Cedar's chairman, managing and executive

directors, who were asked to sign it. They were reluctant. Deadlock threatened, and the time was approaching midnight, only nine-and-a-half hours before the stock exchange was due to open for business.

Burton Moving ahead

At 11.30pm Sir Kenneth went down to Mr Jack Morrison, Cedar's chairman, and the other executive directors and found them he remembers, "very unhappy. Here was their company, still then very prosperous, suddenly faced with a situation where they felt they had lost their interest".

He returned upstairs an hour later, having obtained their consent, after stressing that the basis of the price offered for the property was more favourable than could be expected from disposal of a collapsed concern's assets.

The package of loans and credit was thus duly wrapped up.

Having cobbled together the £72m support package for Cedar, the embattled bankers stretched a few hours' sleep. But hopes that the developing wider crisis would be damped down by the Cedar rescue quickly proved unjustified. Cedar's share quotation was duly suspended at the start of stock market dealing the morning of Thursday, December 20, and the news of the rescue package was announced at about the same time. But the public revelation of the crisis at such a sizeable group sent shock waves through the City as the extent of the flight of deposits which had been taking place was realized. Rumours of problems at other fringe banks swept through the financial community, and, within two-and-a-half hours of the stock exchange's opening, shares of many secondary banks dropped by about a third, wiping millions of pounds off their value.

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Base Lending Rates

ABN Bank 13%
Barclays 13%
BCCI 13%
Consolidated Crds. 13%
C. Hoare & Co 13%
Lloyds Bank 13%
Midland Bank 13%
Nat Westminster 13%
TSB 13%
Williams & Glyn's 13%

* 7 day deposits on sum of £10,000 up to £50,000 11%
£50,000 and over 11 1/2%

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Where the managing director is only 17

Two years ago, Young Enterprise's area director, Major John Wharton, approached Mr Roger Warren Evans, director of the Swansea centre, and explained how the enterprise scheme works.

Firstly, a local sponsor, a local authority, a school or a firm is found who can lay on advisers to help willing children start a company which the children themselves will fund through the sale of shares and then operate for a year in part of their spare time.

Young Enterprise helps by providing initial advice and a do-it-yourself "company kit" containing articles and memoranda of association, briefs for the various jobs within the company, share certificates and sales and purchase order forms.

"We began with one pilot company at Ystradgynlais, north of Swansea," says Mr Williams. "It was called Triple Acorn and was run by 20 youngsters between 15 and 19 producing printed tee-shirts".

They were a mixture of schoolchildren and young unemployed, they raised their own share capital from well-wishers, paid rent on premises — and at the end of their year of operation paid a dividend of 43 per cent as well as "corporation tax", a contribution to Young Enterprise, as the legal entity under whose auspices they were trading.

Last year, the number of companies in the Swansea area rose to five, and Mr

Williams says advertisements in the local press have brought forward enough interested children to make it possible to start and staff 25 companies.

Throughout Britain this year, Young Enterprise says, there are 600 such companies operating.

Each company must liquidate after a year, although "management" is free to start all over again if they so wish.

One young enterprise which may break through the one-year barrier is Easy Carry, whose principal asset and only employee is 17-year-old Christine Hook.

And the biggest pleasure of being the finished product, it's your baby and it's going to make money.

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Business Editor

Gilt in buoyant mood

The gilt-edged market continued in good form yesterday, with a rise of 0.49 to 69.55 taking the FT Government Securities index to within 1.06 of last year's "high". Last year's peak did, of course, come shortly after the Budget, following which the gilt-edged market was hit by a low (60.7) in late October. The hope this time round is that the underlying financial prospects are good enough to sustain the upward trend.

The present bullishness stems from a number of factors: the rather more practical (and accommodative) monetary targets set for the current financial year; the belief that the downward trend in inflation can be sustained, possibly bringing the year-end rate down to 8.9 per cent; and the potential supply shortages of conventional fixed interest stocks as the authorities increase the percentage of funding raised through index-linked issues.

That said, it is difficult to see this market running away, at least not at this stage. With bank lending to the private sector as high as it has been recently, the domestic monetary background is still not wholly convincing; and most institutional investors may well think twice about committing themselves too heavily to the market ahead of what is expected to be a difficult month for the US money supply in April.

A sharp fall in dollar rates thereafter, could have a profound impact on international interest rates, but to cope with this, in fact, the way things will work out. The prospect of the United States inflation rate drifting down to 6.7 per cent suggests that it ought to happen, yet the worst over-optimism of fiscal and monetary policy remains.

If, incidentally, United States inflation is heading down towards 6.7 per cent, the German rate to less than 5 per cent, and the Japanese rate to below 3 per cent, it just re-emphasises how hard the United Kingdom still has to run to stay in the game.

Having cobbled together the £72m support package for Cedar, the embattled bankers stretched a few hours' sleep. But hopes that the developing wider crisis would be damped down by the Cedar rescue quickly proved unjustified. Cedar's share quotation was duly suspended at the start of stock market dealing the morning of Thursday, December 20, and the news of the rescue package was announced at about the same time. But the public revelation of the crisis at such a sizeable group sent shock waves through the City as the extent of the flight of deposits which had been taking place was realized. Rumours of problems at other fringe banks swept through the financial community, and, within two-and-a-half hours of the stock exchange's opening, shares of many secondary banks dropped by about a third, wiping millions of pounds off their value.

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Stock Exchange Prices

Equities advance

ACCOUNT DAYS : Dealings Began, March 15. Dealings End March 26. § Contango Day, March 29. Settlement Day, April 5.

§ Forward bargains are permitted on two previous days

[illegible]

BOXING

Magri title bout plan is rejected

Neil Coles in play at Sunningdale yesterday.

Neil Coles in play at Sunningdale yesterday.

ale
R A Latham and G Pook 2 and 1 C Hepton

and Miss L Davies; P M P Townsend and I M Stuhgo 3 and 1 J R Freeman and R E Freeman; S Geddes and S Roberts 1 hole, M Landsborough and T Packham, P Morley and

R Burgess 2 and 1 C W Green and D Martin
P Longmore and L G Nokes 1 hole 1
Brazov and Miss C Hayler; J Nelson and C
Japon 2 holes D Williams and C Tucker; 1
Ray and D Scanlan 1 hole D A Gannicott and
R Lawrence; M Sharmam and M Sharmam 2
and 1 R Williams and A Martin.

T Parker and M Wiggins 1 hole G. Daver
and C Clarke; B A Price and A Campbell
2. D Hudson and D Winchester; J C
Davies and Mrs C Caldwell 6 and 4. K. Burt
and P Chapman. D Wood and P Mayo 3 and

Miss M Rawlings and Mrs V Thomas B and Z
R G Mathew and S Roberts: K A MacDonnell
and Mrs V Martin; 5 and 4 Miss S Jolly and
Miss V Marvin; J C Robson and A Gilder 4

S Watkins and R Weedon 3 and 2 A MacLaren and J Spurling, N A Dorsey and A Hope w.o. P Smith and P Mitchell; C Clark and K Williams 15th M Lawrence and G Wiff; C Torbert and R Smith 5 and 4 J S Burns and J Golestanian.

Newberry and Joyce 4 and 2 Evans and
Jones; Young and Underwood 7 and 6 Smith
and Ostram; Miss Langford and Miss Walker 3
and 6 Strange and Barnett; Frant and Kiddle 3
and 2 Brake and Edmunds
Doloy and Small 3 and 2 Lees and Mrs.
Hobbs; Per and Nudds 3 and 1 Egfrord and
White; Park and Lane 3 and 2 Elvidge and
Benson; Regan and Barr 4 and 3 Fisher and

De Bruin.

1981-82					
High Bid	Low Offer	Trust	Big	Offer	Yield
Norwich Union Insurance Group					
PC Box 4	Kurwisch	NRI 3NG		6862	22200
120.2	274.1	Norwich Man	398.2	357.0	..
343.0	..	Do Equity	142.8	570.9	..
208.1	121.3	Do Property	280.1	220.1	..
188.4	188.5	Do Fixed Int	198.4	208.8	..
146.2	138.3	Do Deposit	146.2	153.9	..

313.2	238.4	Do Units (30)	313.2	..
Pearl Assurance (Unit Funds) Ltd.				
282	High Northen	WCIV 7EB	01-405	8441
176.8	148.5	Equity Fnd	176.5	188.8
176.2	143.1	Masaged Fnd	158.2	186.6
175.7	147.7	Prop Acc Units	158.5	186.1
146.1	122.0	Prop Dist Units	130.3	137.2
Phoenix Assurance.				
4-5 King William St. EC4.			01-636	9876
175.1	186.2	Wealth Assured	170.7	179.7

129.4	118.3	2000 Pmt 2431.31	118.3	..
Property Equity & Life Ass Co.				
119	Crawford R	London, Ont	01-496	06857
240.5	240.5	R Sub Prop And	..	240.5
127.8	103.9	Dn Closed Bnd	..	127.9
107.3	95.5	Dn Managed	..	104.6
106.5	88.0	Dn Equity Bnd	..	102.1
173.2	151.5	Dn Flex Mny	..	160.5
Property Growth Assurance				
278	Hae, Croydon, CRO 11U.	01-890	0606	
171	237.2	Property (29)	..	278.0

271.8	217.8	Do (A)	271.8
1,110	1,013	Agriculture (28)	1,013
904.8	864.8	Do (A)	864.8
214.4	214.4	Adv Man PG (29)	214.4
213.7	213.7	Do (A)	213.7
106.7	101.4	Investment	101.4
100.4	100.3	Do (A)	100.3
322.5	307.6	Equity Fnd	307.6
312.5	293.3	Do (A)	293.3
186.6	186.6	Money Fnd	186.6
186.7	186.7	Do (A)	186.7
185.8	183.1	ACFVRI Fund	183.1

154.6	138.6	Gilt Edged	151.6
156.1	138.6	Do A	151.6
157.0	265.5	Rmt Annuity (29)	317.0
168.0	172.0	Insured Ann (33)	166.0
169.1	135.7	International	152.7
Property Growth Premiums & Annuities Ltd.			
164.8	175.6	All-Weather Acc	199.6
165.6	266.8	Investment Fund	323.3
210.6	265.8	Policy Fund	210.6
229.1	191.0	Conv Psn Fed	181.7
183.5	163.9	Do Psn Fed	163.5

257.8	1993.2	Man Pen Fnd	254.1	..
199.9	194.2	Do Pen Cap	192.9	..
236.7	198.6	Prop Pen Fnd	238.7	..
102.2	189.8	Do Pen Cap	192.2	..
176.1	187.1	Bdg Soc Pen	192.8	..
186.5	149.3	Do Capital	170.1	..
123.3	111.8	Gth Pen Fund	123.1	..
118.1	105.1	Do Pen Cap	113.8	..
Provident Life Association of London Ltd.				
286	Buckingham, London. EC2M 4QP.	01-247	3200	
352	0	300 0	Unit Scheme	352 0

The Royal London Mutual.		
129 9	101.1 R.L.Mixed Funds	01-006 3044
129 9	101.1 R.L.Mixed Funds	127.3 ..
Sava & Fraser Group.		
4 Great St Helen's, EC3P 3FF.		01-554 6889
186.8	173.4 Balanced Bond	184.2
186.8	173.4 Balanced Bond	195.1 ..
163.9	147.0 Fund	185.5
163.9	147.0 GHI Fund	172.9
246.6	222.4 Prop Fnd 1301	248.6
246.6	222.4 Prop Fnd 1301	251.0 ..
Schneider Life Group.		

	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36	2036-37	2037-38	2038-39	2039-40	2040-41	2041-42	2042-43	2043-44	2044-45	2045-46	2046-47	2047-48	2048-49	2049-50	2050-51	2051-52	2052-53	2053-54	2054-55	2055-56	2056-57	2057-58	2058-59	2059-60	2060-61	2061-62	2062-63	2063-64	2064-65	2065-66	2066-67	2067-68	2068-69	2069-70	2070-71	2071-72	2072-73	2073-74	2074-75	2075-76	2076-77	2077-78	2078-79	2079-80	2080-81	2081-82	2082-83	2083-84	2084-85	2085-86	2086-87	2087-88	2088-89	2089-90	2090-91	2091-92	2092-93	2093-94	2094-95	2095-96	2096-97	2097-98	2098-99	2099-00	2100-01	2101-02	2102-03	2103-04	2104-05	2105-06	2106-07	2107-08	2108-09	2109-10	2110-11	2111-12	2112-13	2113-14	2114-15	2115-16	2116-17	2117-18	2118-19	2119-20	2120-21	2121-22	2122-23	2123-24	2124-25	2125-26	2126-27	2127-28	2128-29	2129-30	2130-31	2131-32	2132-33	2133-34	2134-35	2135-36	2136-37	2137-38	2138-39	2139-40	2140-41	2141-42	2142-43	2143-44	2144-45	2145-46	2146-47	2147-48	2148-49	2149-50	2150-51	2151-52	2152-53	2153-54	2154-55	2155-56	2156-57	2157-58	2158-59	2159-60	2160-61	2161-62	2162-63	2163-64	2164-65	2165-66	2166-67	2167-68	2168-69	2169-70	2170-71	2171-72	2172-73	2173-74	2174-75	2175-76	2176-77	2177-78	2178-79	2179-80	2180-81	2181-82	2182-83	2183-84	2184-85	2185-86	2186-87	2187-88	2188-89	2189-90	2190-91	2191-92	2192-93	2193-94	2194-95	2195-96	2196-97	2197-98	2198-99	2199-00	2200-01	2201-02	2202-03	2203-04	2204-05	2205-06	2206-07	2207-08	2208-09	2209-10	2210-11	2211-12	2212-13	2213-14	2214-15	2215-16	2216-17	2217-18	2218-19	2219-20	2220-21	2221-22	2222-23	2223-24	2224-25	2225-26	2226-27	2227-28	2228-29	2229-30	2230-31	2231-32	2232-33	2233-34	2234-35	2235-36	2236-37	2237-38	2238-39	2239-40	2240-41	2241-42	2242-43	2243-44	2244-45	2245-46	2246-47	2247-48	2248-49	2249-50	2250-51	2251-52	2252-53	2253-54	2254-55	2255-56	2256-57	2257-58	2258-59	2259-60	2260-61	2261-62	2262-63	2263-64	2264-65	2265-66	2266-67	2267-68	2268-69	2269-70	2270-71	2271-72	2272-73	2273-74	2274-75</
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127.8	100.7	Tokyo U.T.	98.8	183.8	..
125.9	86.2	Guang Pined U.T.	106.1	111.8	..
119.3	100.1	Capital U.T.	105.8	105.8	..
115.9	87.6	Guang U.T.	115.8
102.6	87.8	Europe U.T.	95.3	100.4	..
112.3	95.6	Sailer Co's U.T.	108.8	115.7	..
101.3	125.5	Equity Pen Cap	149.0	157.0	..
178.5	147.8	Do Accum	169.0	178.0	..
318.5	281.9	Man Pen Cap B	314.5	331.3	..
310.2	310.2	Man Pen Acc B	310.2	310.2	..
122.7	111.0	Fl Pen Cap	121.7	130.5	..
140.9	125.4	Fl Pen Acc B	140.9	156.4	..

177.8	168.1	Prop Pen Cap B	177.6	187.0	..
201.3	170.4	Prop Pen Acc B	201.3	212.0	..
134.7	128.0	Mon Pen Cap B	135.7	143.0	..
154.3	139.5	Mon Pen Acc B	151.3	162.5	..
184.3	176.6	Wd Pen Cap B	184.3	192.2	..
215.6	191.3	B/S Pen Acc B	215.4	229.3	..
Scottish Widows Fund & Life Assurance					
IPO Box 902 Edinburgh	EH16 5RU	031-655 0000			
170.1	130.0	Inv Policy	184.7	184.7	..
159.3	137.3	Dn Settle (2)	153.0	162.0	..
Standard Life Assurance Co.					

George St. Edinburg, SCH 222		081-225 7971	
141.5	129.1	Managed	139.3 146.7 ..
132.4	117.7	Property	132.4 138.4 ..
163.0	141.6	Equity	157.3 165.6 ..
146.2	126.2	International	137.6 144.8 ..
167.2	150.7	Fixed Int	158.7 166.8 ..
118.2	102.6	Cash	116.2 118.8 ..
132.6	133.7	Pen Managed	132.6 140.7 ..
139.6	110.8	Pen Property	129.4 133.5 ..
130.7	145.7	Pen Equity	174.9 184.2 ..
162.1	135.3	Pen Intl	144.4 162.0 ..

126.2	106.2	Pen Fld Int	126.2	132.9	
129.9	113.5	Pen Cash	129.9	132.6	
Sun Alliance Insurance Group					
Sun Alliance	House, Norham			6403	64141
213.3	189.6	Equity Fund	206.2	217.1	..
146.3	124.8	Fixed Int Fund	148.3	153.0	..
214.1	168.0	Property Fund	214.1	225.4	..
137.8	101.1	Intl Fund	115.6	127.7	..
131.0	126.4	Deposit Fund	131.0	137.8	..
170.2	147.2	Managed Fund	169.0	177.9	..

1982-90	1987-90	SA (Index '82=100)	1986-90	1983-90
122.40	100.00	SAPL Prop (38)	110.10	115.30
110.70	100.00	SAPL Prop (38)	110.10	115.30
Sun Life of Canada (UK) Ltd.				
134.24	100.00	St. SW1	101-830	5400
108.5	100.00	Managed (5)	189.5	
305.5	268.3	Growth (3)	300.2	
196.5	166.3	Equity (5)	196.6	
312.1	269.3	Personal Pen(2)	319.7	
126.7	115.1	Prn Man Cap	126.7	
129.0	129.0	Prn Man Acp	129.0	

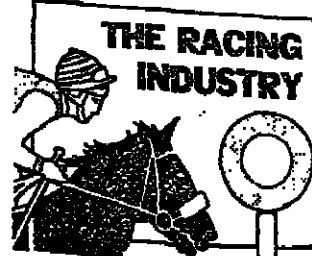
Sun Life Unit Assurance Ltd.				
150.3	168.3	Managed Cap	179.1	188.6
169.3	172.2	Do Accum	180.4	200.5
164.7	181.0	Property Cap	179.7	173.4
176.3	185.3	Do Accum	176.3	185.8
159.3	214.8	Equity Cap	223.2	241.3
217.0	227.0	Do Accum	246.3	258.6
136.3	137.9	Fixed Inc Cap	137.3	134.1

153.0	127.1	Cash	128.0	133.7
138.1	130.6	Debt	138.1	128.6
181.7	125.1	Int Cap	138.1	148.4
199.1	138.5	De Accum	138.1	128.6
142.1	104.3	American Cap	103.8	109.4
142.1	111.8	De Accum	111.2	117.1
178.1	124.3	Far East Cap	119.2	128.5
137.1	131.1	De Accum	127.2	127.8
116.0	96.7	Debt Distribution	110.3	116.2

See Life Precision Measurements Ltd

160.8	128.2	Pen Man Cap	145.8	182.5
168.3	126.1	Do Accum	155.7	163.9
114.7	106.5	Pen Prop Cap	114.7	120.8
122.3	105.1	Do Accum	122.3	128.8
167.3	137.0	Pen Equity Cap	167.3	178.1
299.4	140.5	Do Accum	289.1	196.6
105.7	96.6	Pen F Int Cap	102.0	105.5
111.3	100.6	Do Accum	109.8	117.6
173.7	106.9	Pen Cash Cap	114.7	120.8
190.1	108.3	Do Accum	151.2	127.6

1845	1846	1847	1848	1849	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	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Part II: Glamour of Royal Ascot and soaring bloodstock prices are a thin layer of icing on an inadequate cake — an economic analysis shows few are thriving

Looking beneath the frills of affluence



THE GOOD LIFE AT THE TOP

Piggott taking the hot line to yet another fortune. Above and right: Will the champagne of Cheltenham and Ascot fall flat as the recession continues to bite?

By Michael Seely

For the man who takes only a cursory interest in racing it appears to be a world of riches and glamour. The pomp and pageantry of Royal Ascot and the excitement of Derby day and the Grand National; a world where last year's Derby winner Shergar was syndicated for £10m. And all last autumn news of records being broken daily at the fashionable bloodstock sales.

International buyers flocked to Newmarket to spend a total of 41,415,380 guineas at the six sales held by Tattersalls. On September 30, 1981 a bay yearling colt by Mill Reef was sold for a record price of 640,000 guineas. A total of 378 yearlings auctioned at the October premises, an increase of 58 per cent on the total of comparable sales in 1980. And all this lavish expenditure took place against a background of continuing recession and rising unemployment.

This activity at the top end of the market has little to do with the general financial state of the industry, which like most businesses is facing the effects of the downturn in the economy. Let us therefore examine the structure of racing and also pose the question of who foots the bill and who reaps the harvest.

Responsibility to the punter

Racing is administered jointly by the Horserace Betting Levy Board and the Jockey Club. The Levy Board is responsible for collecting the levies from the bookmakers and the Jockey Club from the trainers and owners. The Jockey Club then distributes these funds to the racing industry.

There are roughly 8,500 owners of over 12,000 horses in training. On the Flat in 1981 a proportion of these horses raced for a total of £19,783,948. Roughly speaking the levy provided 50 per cent of this amount, the owners 25 per cent and the racecourses and sponsors 12 1/2 per cent apiece.

The Levy Board and the owners are their principal contributors. Not only does the Levy Board provide this large slice of the prize-money cake, it also distributes as much money again towards such diverse projects as capital improvements and general assistance to racecourses; assistance in maintaining the integrity of racing and for veterinary and scientific education.

There is hardly any branch of the industry which does not receive some help. On Monday, Lord Elmsley announced that Levy Board funds would not be used to save Aintree racecourse, but that money would be made available to assist smaller courses.

It is important to realise that the Levy Board's contribution comes from the punter and not from the bookmakers or the Tote.

These two bodies are in the business mainly for their own interest — although they are generous sponsors — which in the case of the bookmakers is to show a profit to their shareholders.

Their other role is that of tax gatherers, most of this tax going to the Inland Revenue and a small proportion being returned to racing. Both the Levy Board and the Jockey Club are well aware of their responsibility to the punter and do their best to ensure that racing is fairly run and that there is an abundance of competitive sport.

It is the owners who provide nearly all the employment for the 20,000 who work in the industry. This is apart from their contribution to prize money. It is estimated that annually owners pour £70m into racing's coffers.

So what do they get out of it? Apart from the top five per cent of owners, precious little. John Biggs, the chairman of the Racecourse Owners Association says: "In 1980 the top five per cent of owners won 75 per cent of the total prize money available. The next 30 per cent took most of the rest leaving virtually nothing for the remaining 65 per cent."

The fact Michael Scoute and Henry Cecil, the two leading trainers in 1981, won £1,312,144 for their patron, about 10 per cent of the total prize money available on the Flat that year for itself.

Most top trainers are earning a good living and it is expensive to keep a horse in one of their stables. One of these trainers with 120 horses in his yard charges £105 per week per horse plus £10 a week for blacksmith's and veterinary fees. On top of this there are entrance fees, travelling expenses, an insurance, to mention but a few extra items. Insurance premiums run out at about three per cent of the estimated value of the horse.

Such a trainer would be employing about 60 staff at an average wage of £84 per week. This would account for under 50 per cent of his total turnover, which would be in the region of about £750,000 per annum. Apart from what he charges, the trainer would also officially receive 10 per cent of both win and place money during the season. He would also receive in most cases a commission on the horses sold out of his stable and invariably a nomination or a share in a stallion that he has helped the owner to promote. The successful modern trainer is something of an entrepreneur, who has not only to turn out winners but also to sell himself in the market place in order to attract owners with heavy purchasing power and horses with classic-winning blood flowing through their veins. This man's existence contrasts sharply with the smaller trainer, as can be seen from the article on Ron Atkins below.

As with the trainers it is only comparatively few jockeys who make a fat living. Flat race jockeys receive £29 per ride, their jumping counterparts £35.50. They also receive a percentage of the value of the races they have won — on the Flat between four and a half per cent and five per cent and over the sticks about six per cent. Additional

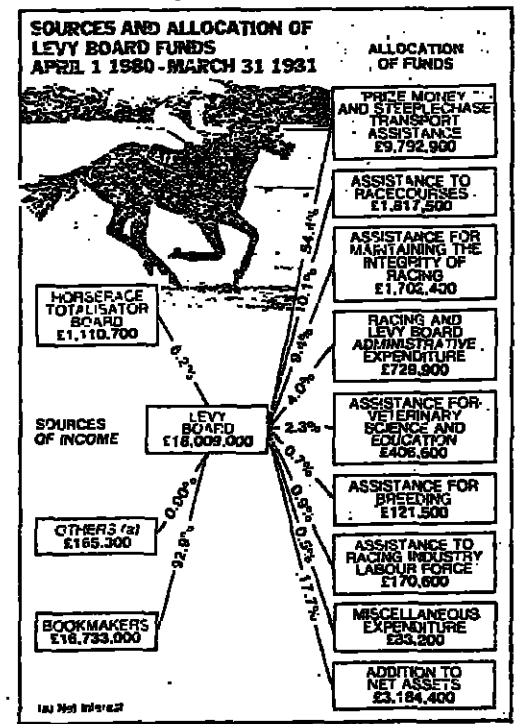
presents from owners are the rule rather than the exception.

A top flight jockey might earn £120,000 a year, but a leading steeplechase rider would do well to accumulate £60,000. And this of course applies only to a select few. Possibly 20 jockeys on the Flat would earn a prosperous living, but in steeplechasing only the top half dozen.

The breeders are the men who supply the raw material for racing. There again it is only a few who skim off the cream. And the astronomical figures realised at the October Premier Yearling sales give a distorted view of the picture. The average price realised at this auction in 1981 was 42,195 guineas. Home-bred stock averaged 29,348 guineas compared with an average of 44,261 guineas for Irish and foreign-bred stock.

An analysis of the other yearling sales shows a disturbing picture. At the second Newmarket sales the average price was 8,068 guineas and at Doncaster 6,912 guineas. But the middle price, that is to say the money paid for the yearling who is half way down the lots, sold 5,600 guineas at Newmarket and 5,000 guineas at Doncaster. And it has been estimated that the cost of putting a yearling in the sale ring is about £7,000, excluding stallion fees and the depreciation of the mare.

Now for the racecourses. All courses represent an under-utilisation of plant and the return on the capital involved is negligible. Apart from courses such as Ascot, Newmarket and York, few would be considered economically viable. Tim Nelligan is the managing director of United Racecourses, who control Epsom, Sandown Park and Kempton Park.



"Epsom is entirely dependent on Derby day," Mr. Nelligan says. "Kempton has possibilities but Sandown is the only one of our courses that is viable in ordinary commercial terms. In other words we make a profit on the day but the rest of the year we are in the red. This is mainly due to such activities as exhibitions and outside functions. We could not possibly achieve this target if we relied on racing. Quite honestly it hardly matters at all if we race on unprofitable days. Of course we want to race to help with the levy, but as far as we are concerned we are lucky to break even most of the time."

The other contributors to prize money, the sponsors, are now an indispensable part of the scene. Their contributions in 1981 amounted to a total of £2,684,863. The sport would be in a much worse position than it is already without their continued support.

We have already stated that the owners and the punters are the mainstay of the industry. Are they getting a fair deal? The vast general criticism levelled against the Levy Board and the Jockey Club is that too much money is given to classic and pattern races and that support to those in need is by and large neglected.

Subsidizing the rich

As to the rights of the punter, critics of the present policy point out that it is politically immoral that the hard earned money deducted from the punter should be used to subsidize the rich owners and breeders, who are well capable of looking after themselves. But surely this is an emotive point of view.

As long as the punter gets a fair run for his money and competitive racing to bet on, his needs are being catered for. And do not forget that 10 times more than the money he pays in tax goes to the Exchequer compared with that returned to the sport. This is the root cause of the problem. In France and in other countries the racing industry receives a far larger proportion of the betting take thereby ensuring a more equitable distribution of prize money.

So whatever their critics may say the authorities in this country are faced with an impossible dilemma. If we are to maintain our role as a major racing power, most of the available prize money will have to continue to be devoted to the prestige races. This policy has been modified to some extent. In the next prize money scheme a higher proportion of the funds available will be devoted to the middle range of events than to the classic and pattern races.

There is not enough money to be distributed for everyone to be satisfied. It is as simple as that. And as no government is in the habit of reducing taxation, particularly in the present economic climate, the situation appears likely to remain the same, with most of the racing industry going through an even tougher time than it is at present and the strong inevitably continuing to profit at the expense of their weaker brethren.

Make or break year for a floundering small-time trainer

By John Karter, Racing Editor

A time bomb is ticking away beneath Ron Atkins' world. It has nothing to do with the fact that his stables at the picturesque Surrey village of Elstead are surrounded by Ministry of Defence land where soldiers are out of the business of war. Atkins himself has primed the device which is set to go off around June. After four years of struggle to eke out a living from the increasingly stony ground of racehorse training he has decided that this current National Hunt season will be make or break for him.

Many successful trainers are born to the profession and some have lucrative family businesses to fall back on in hard times. Atkins had neither advantage. In racing terms he was hardly bred for the job, being by a cobbler out of a chorist girl. But, being small and tough and out of action for two and a half months, as well as numerous bouts of concussion and an ear almost ripped off, his decision four years ago to train as well as ride clearly came as much from the head as the heart. Atkins wanted a ready-made alternative in the event of one fall too many bringing an end to his riding career.

After a broken cheekbone, nose, seven collarbones, 13 ribs, hands and feet, fingers and toes, and a leg (which earlier in the season kept him out of action for two and a half months), as well as numerous bouts of concussion and an ear almost ripped off, his decision four years ago to train as well as ride clearly came as much from the head as the heart. Atkins wanted a ready-made alternative in the event of one fall too many bringing an end to his riding career.



Ron Atkins: Needs one outstanding horse to elevate him to the big time.

And sold the animal at Ascot Sales for £1,000. The police were called in, but as Atkins had filled in the sales forms in the proper way several weeks previously, they were satisfied that the matter was civil one. It seems absurd that such desperate action should be necessary, but there is no doubt that some owners do abuse the system.

It is difficult to imagine how a man like Atkins can ever hope to make ends meet. Even lowering fees below

break-even point will not lure leading owners, who prefer to pay more and send their horses to the leading trainers. But that is not where the big money lies anyway. Just as the remarkable Heighlin was the making of another former jump jockey, David Elsworth, when he started training, what Atkins needs to make the breakthrough is one outstanding racehorse.

Apart from the obvious publicity and increase in reputation there is a share in

A French dish to drool over

By Desmond Stoneham

Like most racing nations, French finances were adversely affected in 1981 by a levelling out of betting turnover which is still running at 10 per cent below the domestic inflation rate. During 1981 the French punter invested 23,074 billion francs (about £2.1bn) on the parimutuel race which was a 5.38 per cent increase on the previous year's figure. Out of this the government picked up a handsome 4,177 billion francs (£380m).

Prize money and such things as travelling allowances, owners and breeders prizes came to a total of £25 million (£75m) in 1981, which broken down further reveals the allocation of 354 million francs (42.86 per cent) for the Flat, 149 million for steeplechasing (18.04 per cent) and the balance of 323 million francs (39.10 per cent) for the rather tedious trotting game. No doubt these figures make the administrators of racing in England drool with good reason as they are bettered by few countries with comparable racing industries.

For both 1980 and 81 around 60 per cent of horses trained in France covered their training costs, but this astonishing figure is most unlikely to be maintained for 1982 as prize money has hardly been increased at all. In fact, most group races return to their 1980 levels and the money saved will be used to augment lesser events which previously had a value to the winner of 70,000 francs or less.

Right portents for Harwood's stars

By Michael Phillips, Racing Correspondent

Guy Harwood has come a long way in the 16 years that he has held a trainer's licence. Then he began he had 12 horses in his yard at Cooleslands on the outskirts of Pulborough, Sussex, and he owned them all. Now he has 121 belonging to 91 different owners.

That he has 30 more horses and 40 more owners than this time 12 months ago is not surprising because in racing success generates success. Last season he was a champion one for miler. He ended the year third in the trainers' list, having won 97 races and £489,000 prize money in this country, not counting his pickings abroad which included the French 2,000 guineas.

Among his new owners are Prince Khalid Abdullah, Prince Ahmad Bin Salman Al Saud, Prince Faisal, Prince Khalid, Sheikh Maktoum, Sheikh Mohammed, M. A. Mutawa and Stavros Niarchos.

Harwood's increased dependence on the American market can be gauged by the fact that more than half of the 76 two-year-olds that he has in training there were bred in the United States.

Yesterday was his annual open day to the press. The gallops were kissed with warm sunshine. The horses looked all the better for it after the long, cold, wet winter. In two and three some 36 of the stable strode past us most of them hard and already summer-coated.

The classic trials at Kempton and Salisbury will point in the direction in which they will race. Harwood's horses are in the Vase and the Derby and the Epsom Derby, though Harwood does not rule out Santa Monica. The Epsom Derby is as good as any in the yard until he has injured on the gallops in September. He was in his box for the next three months, but he is fine again now, and not one to be discounted.

There has been little change in the betting with Home Coming, Bunter, Windy and King's Glory remaining at the head of the pack. Ladbrokes have also reported support for Herbie Quyle.

These odds have been cut from 14-1 to 11-1.

This afternoon there is racing at Worcester, Kelso and Southwell. Michael Dickinson's run of four wins should continue at Worcester where Hemmings has his recent Ayr winner, should have little difficulty in following up that success in the first division where he should keep the jar on the ground. But if it continues to dry up, the far rails should definitely be favoured as they have been less growth on that side of the course.

Home Coming headed the list of 32 acceptors at the four-day Guy Harwood's four-year-old will

have to shoulder 10 stone. As the possibility that some horses may have to be bailed out of the Irish Sweeps Lincoln make it imperative that no bet should be made on the straight course, and, fancied candidates, such as Home Coming and Winart, are favourites on soft going.

Pat Firth, the clerk of the course, said yesterday: "I walked the course this morning. The going is already good and fine weather is expected for the rest of the week. I do not think that the ground will become firm as there is less grass than usual on the track and the heavy morning dew should keep the jar on the ground. But if it continues to dry up, the far rails should definitely be favoured as they have been less growth on that side of the course."

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TOMORROW: GAMBLING

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9.00 Simon Bates, 11.30 Dave Lee
Travis, 2.00 Paul Burnett, 3.30 Steve
Whing, 5.00 Peter Powell, 7.00 News
1 Mailbag: Phone-in on 01-580 4411
8.00 David Jensen, 10.00 John Peel,
12.00 Midnight and Close

World Service

WVF Radio 1, 1 and 2, 1.00am With
Radio 2, 8.00pm Alan Dell, 8.30 The
New Swing Singers, 9.00 The Folk
Entertainers, 9.30 Sounds of the Sixties
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Western Europe on medium wave 645 kHz
(463m) at the following times: 6.00-6.15
7.00-7.15, 7.30-7.45, 8.00-8.15, 8.30-8.45, 9.00-9.15, 9.30-9.45, 10.00-10.15, 10.30-10.45, 11.00-11.15, 11.30-11.45, 12.00-12.15, 12.30-12.45, 1.00-1.15, 1.30-1.45, 1.50-2.00, 2.15-2.30, 2.45-3.00, 3.15-3.30, 3.45-4.00, 4.15-4.30, 4.45-5.00, 5.15-5.30, 5.45-6.00, 6.15-6.30, 6.45-7.00, 7.15-7.30, 7.45-8.00, 8.15-8.30, 8.45-9.00, 9.15-9.30, 9.45-10.00, 10.15-10.30, 10.45-11.00, 11.15-11.30, 11.45-12.00, 12.15-12.30, 12.45-1.00, 1.15-1.30, 1.45-2.00, 2.15-2.30, 2.45-3.00, 3.15-3.30, 3.45-4.00, 4.15-4.30, 4.45-5.00, 5.15-5.30, 5.45-6.00, 6.15-6.30, 6.45-7.00, 7.15-7.30, 7.45-8.00, 8.15-8.30, 8.45-9.00, 9.15-9.30, 9.45-10.00, 10.15-10.30, 10.45-11.00, 11.15-11.30, 11.45-12.00, 12.15-12.30, 12.45-1.00, 1.15-1.30, 1.45-2.00, 2.15-2.30, 2.45-3.00, 3.15-3.30, 3.45-4.00, 4.15-4.30, 4.45-5.00, 5.15-5.30, 5.45-6.00, 6.15-6.30, 6.45-7.00, 7.15-7.30, 7.45-8.00, 8.15-8.30, 8.45-9.00, 9.15-9.30, 9.45-10.00, 10.15-10.30, 10.45-11.00, 11.15-11.30, 11.45-12.00, 12.15-12.30, 12.45-1.00, 1.15-1.30, 1.45-2.00, 2.15-2.30, 2.45-3.00, 3.15-3.30, 3.45-4.00, 4.15-4.30, 4.45-5.00, 5.15-5.30, 5.45-6.00, 6.15-6.30, 6.45-7.00, 7.15-7.30, 7.45-8.00, 8.15-8.30, 8.45-9.00, 9.15-9.30, 9.45-10.00, 10.15-10.30, 10.45-11.00, 11.15-11.30, 11.45-12.00, 12.15-12.30, 12.45-1.00, 1.15-1.30, 1.45-2.00, 2.15-2.30, 2.45-3.00, 3.15-3.30, 3.45-4.00, 4.15-4.30, 4.45-5.00, 5.15-5.30, 5.45-6.00, 6.15-6.30, 6.45-7.00, 7.15-7.30, 7.45-8.00, 8.15-8.30, 8.45-9.00, 9.15-9.30, 9.45-10.00, 10.15-10.30, 10.45-11.00, 11.15-11.30, 11.45-12.00, 12.15-12.30, 12.45-1.00, 1.15-1.30, 1.45-2.00, 2.15-2.30, 2.45-3.00, 3.15-3.30, 3.45-4.00, 4.15-4.30, 4.45-5.00, 5.15-5.30, 5.45-6.00, 6.15-6.30, 6.45-7.00, 7.15-7.30, 7.45-8.00, 8.15-8.30, 8.45-9.00, 9.15-9.30, 9.45-10.00, 10.15-10.30, 10.45-11.00, 11.15-11.30, 11.45-12.00, 12.15-12.30, 12.45-1.00, 1.15-1.30, 1.45-2.00, 2.15-2.30, 2.45-3.00, 3.15-3.30, 3.45-4.00, 4.15-4.30, 4.45-5.00, 5.15-5.30, 5.45-6.00, 6.15-6.30, 6.45-7.00, 7.15-7.30, 7.45-8.00, 8.15-8.30, 8.45-9.00, 9.15-9.30, 9.45-10.00, 10.15-10.30, 10.45-11.00, 11.15-11.30, 11.45-12.00, 12.15-12.30, 12.45-1.00, 1.15-1.30, 1.45-2.00, 2.15-2.30, 2.45-3.00, 3.15-3.30, 3.45-4.00, 4.15-4.30, 4.45-5.00, 5.15-5.30, 5.45-6.00, 6.15-6.30, 6.45-7.00, 7.15-7.30, 7.45-8.00, 8.15-8.30, 8.45-9.00, 9.15-9.30, 9.45-10.00, 10.15-10.30, 10.45-11.00, 11.15-11.30, 11.45-12.00, 12.15-12.30, 12.45-1.00, 1.15-1.30, 1.45-2.00, 2.15-2.30, 2.45-3.00, 3.15-3.30, 3.45-4.00, 4.15-4.30, 4.45-5.00, 5.15-5.30, 5.45-6.00, 6.15-6.30, 6.45-7.00, 7.15-7.30, 7.45-8.00, 8.15-8.30, 8.45-9.00, 9.15-9.30, 9.45-10.00, 10.15-10.30, 10.45-11.00, 11.15-11.30, 11.45-12.00, 12.15-12.30, 12.45-1.00, 1.15-1.30, 1.45-2.00, 2.15-2.30, 2.45-3.00, 3.15-3.30, 3.45-4.00, 4.15-4.30, 4.45-5.00, 5.15-5.30, 5.45-6.00, 6.15-6.30, 6.45-7.00, 7.15-7.30, 7.45-8.00, 8.15-8.30, 8.45-9.00, 9.15-9.30, 9.45-10.00, 10.15-10.30, 10.45-11.00, 11.15-11.30, 11.45-12.00, 12.15-12.30, 12.45-1.00, 1.15-1.30, 1.45-2.00, 2.15-2.30, 2.45-3.00, 3.15-3.30, 3.45-4.00, 4.15-4.30, 4.45-5.00, 5.15-5.30, 5.45-6.00, 6.15-6.30, 6.45-7.00, 7.15-7.30, 7.45-8.00, 8.15-8.30, 8.45-9.00, 9.15-9.30, 9.45-10.00, 10.15-10.30, 10.45-11.00, 11.15-11.30, 11.45-12.00, 12.15-12.30, 12.45-1.00, 1.15-1.30, 1.45-2.00, 2.15-2.30, 2.45-3.00, 3.15-3.30, 3.45-4.00, 4.15-4.30, 4.45-5.00, 5.15-5.30, 5.45-6.00, 6.15-6.30, 6.45-7.00, 7.15-7.30, 7.45-8.00, 8.15-8.30, 8.45-9.00, 9.15-9.30, 9.45-10.00, 10.15-10.30, 10.45-11.00, 11.15-11.30, 11.45-12.00, 12.15-12.30, 12.45-1.00, 1.15-1.30, 1.45-2.00, 2.15-2.30, 2.45-3.00, 3.15-3.30, 3.45-4.00, 4.15-4.30, 4.45-5.00, 5.15-5.30, 5.45-6.00, 6.15-6.30, 6.45-7.00, 7.15-7.30, 7.45-8.00, 8.15-8.30, 8.45-9.00, 9.15-9.30, 9.45-10.00, 10.15-10.30, 10.45-11.00, 11.15-11.30, 11.45-12.00, 12.15-12.30, 12.45-1.00, 1.15-1.30, 1.45-2.00, 2.15-2.30,

04:45 Terry Wynn's *Academy* 11.00 *60 Minutes*
 05:45 11:00 *World News* 11:00 *News*
 06:00 *Suburban Brief* 11:15 *Living World*
 06:30 *World News* 11:30 *World News* 12:00 *World News*
 06:45 *News Notebook* 12:25 *The Farming World*
 07:00 *12:45 Sports Roundup* 12:45 *News*
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CHANNEL

As Thames except: 1.20 pm-1.30
News. 2.45-3.45 Trapper John. 5.20-
5.45 Crossroads. 6.00 Channel
Report. 6.30-7.00 Baileys Bird. 12.10
am Epilogue followed by Closesown.

GRANADA

As Thames except: 12.30 pm-1.00 M
& Mrs. 1.20 Granada Reports. 1.30
Exchange Flaps. 2.00 Crown Court.
2.30 Sound of Vence Hill. 2.45-3.45
Great Depression: America. 6.00 This
to your right. 6.05 Crossroads. 6.30-
7.00 Granada Reports. 12.10 am
Closesown.

SCOTTISH

5.10 Teletext Times 5.20-5.45
 Crossoads. 6.00 Scotland Today.
 6.20 Action Line. 6.30-7.00 Report.
 12.05 am Late Cat. 12.10
 Entertainers: Eke Carrots. 12.40
 Closedown.

HTV WEST

As Thames except: 12.10 pm-13.30
 News. 2.45 Fantasy Island. 3.45
 History Movie. Non-stop: Making of
 Dictator. 5.10 Ask Oscar! 5.20-5.45
 Crossoads. 6.00 News. 6.30-7.00
 Give Us A Clue.

HTV CYMRU/WALES

as HTV WEST except: 12.00-12.10
 pm Ty Bach TWT. 4.15-4.45 Mr.
 Merlin. 4.45-5.10 Rhethirdd Gudd.
 5.10-5.20 Dick Tracy. 6.00-6.30
 Report Wales.

WHAT THE SYMBOLS MEAN! + STER
 + BLACK AND WHITE: (n) REPEAT,

Reading out judgments

Judgments

was undesirable to be taken by ensure a fair trial. The possibility of the necessary all have an opportunity to examine the documents, and if I should not in the present circumstances, if admitted purpose, to make the evidence clear." Counsel for the defendant nor the court indicated any challenge to the documentary evidence affected comments were made generally opportunity to be given, but it was stated that the issue of what would have to be done where might have been a trial as to whether or not there was a basis of disclosure that they were would be left to much the same in this case.

Peter K. L. Salterton; Mr J.

Practice Direction

Following dicta by Lord Justice Cumming-Bruce in *O'Brien v. Tate Sales Corporation & Maritime Transportation Co Ltd* (7 Times, March 4), Lord Denning Master of the Rolls, sitting with Lord Justices Evershed and Lord Justice Watkins, gave a practice direction on March 19 on the delivery of judgments.

The MASTER OF THE ROLLS said he would like to say a word about the delivering of judgments in the Court of Appeal.

The court still regards it as the first importance that all proceedings in the court should be held in public and that includes the delivering of judgments, together with the reasons for them. This is so for everyone who wishes to do so come into the court and see the judge deliver his judgment and the reporters can take it down for their own use.

"In order to help the cause of justice and to ward off the Bar who report the official version of what happened when the case is called on for judgment, we will hand out our draft judgments so as to help the Bar in following the judge in preparing their various reports."

The practice will continue

Simon D. Brown of the Crown Prosecution Service (CPS) said: "The fact that the Home Secretary is concerned about the proper use of section 67(1) in relation to the date of the prisoner's release date is not a matter for the Court on May 14, 1998, and was convicted of dishonesty. On June 6 and July 2, he was pending sentence for the period for which he was released, and would be for that period in 5 days. When the Court deferred the sentence, it committed him to custody, and on October 4, he was committed to custody by the Home Secretary, pending a sentence, spending 26 days in custody from October 4 and December 4, 1998. The Court deals with the fact that both the Ipswich and the Middlesex Crown Prosecutors have been for 26 months for the offences and the sentence of 26 months' imprisonment. The applicant is in custody for the two periods of 26 months' imprisonment and he should be in custody for the total period of 52 months. The fact that the first period of 26 days was sentence for the offences and that the custody, when the Middlesex Crown Prosecutors was released, was the Middlesex Crown Prosecutors' conclusion that the sentence of 26 months' imprisonment and therefore the 37 months' of the Ipswich Crown Prosecutors' sentence of 26 days in custody. The LORD (C) agreeing said that the result might appear to be forced on the basis of the statute. Mr Justice LJ Solicitors: the Treasury Solicitors

concurrent 37 for the Ipswich

contended that he had spent in added together given credit for

justice maintained and in custody of relevant to the Ipswich offence period in was considered enough justices, a sentence for offences.

had come to the the Home Office was the right in relation to imprisonment for the spirit of the application was decided to be costly.

THE JUSTICE, although the was to be unjust the conclusion of the wording of the

agreed.

tries, Ipswich;

to the reporters to take the from the copies which we have out.

"In some cases, if the judgments are usually long, they may be replaced by a shortened summary to give the general effect."

Attempt with wrong key

Kelly v Hogan

Where an unfit driver had been given keys but was sitting the driver's seat attempting to insert other keys into the ignition, the Divisional Court (Lord Justice Donaldson and Justice McNeill) held on March 11 that he was properly convicted of attempting to drive while unlicensed through drink or drugs, contrary to section 5(1) of the Road Traffic Act 1972.

The position was the same as burglar carrying a jammie of the wrong size and the facts fell within the fourth category of offences described in *R v Smith (Roger)* [1975] AC 476).

Kelly v Hogan
Where an unfit driver had
ignition key, but was sitting
the driver's seat attempting
insert, other keys into de-
ignition, the defendant was
Justice McNeill held on March
11 that he was properly convicted
of attempting to drive while
drunk under s. 5(1) of the Coun-
to section 5(1) of the Coun-
Traffic Act 1972.
The position was the same as
burglar carrying a jemmy of
the same size as the facts fell
within the fourth category of
offences described in R v Smith
(Rogers) (1975) AC 476.

That aside, this model boasts so many features, like the amazing 42-button remote control and Dolby* sound, that to do them justice would take a book. Instead,

we invite you to have a free in-home demonstration. Then, you can mull over its many advantages and those of Radio Rentals. Like our fast, friendly service and this guarantee: should you be dissatisfied in any

way within the first month we'll refund every penny. So if you'd like the

easy way, call Radio Rentals for a free demonstration.

VHS Model 8924 (made in Japan) with 14-day timer and remote control. Installed for \$13. Trade mark of Dolby Laboratories Inc. Recording and playback of material may require CC model subject to availability. Minimum rental period of 12 months with a guarantee of no in the agreement. In the event of such a rental increase the agreement may be terminated by

Clash on guards leaves new trains idle

By Paul Routledge
Labour Editor

Millions of pounds' worth of brand-new high-technology trains are standing idle in a north London siding because British Rail cannot reach agreement with the National Union of Railwaymen (NUR) to dispense with unnecessary guards. Trains destined for use on the newly electrified Bedford-St Pancras line are stored at Crickwood despite agreement in principle with the militant train drivers' union to one-man operation. The rival NUR insists that every passenger train must have a guard — even though there is nowhere for him to sit.

Electrified services were originally scheduled to start in January, but will not now begin before July. In the meantime, elderly diesel trains will operate an interim timetable.

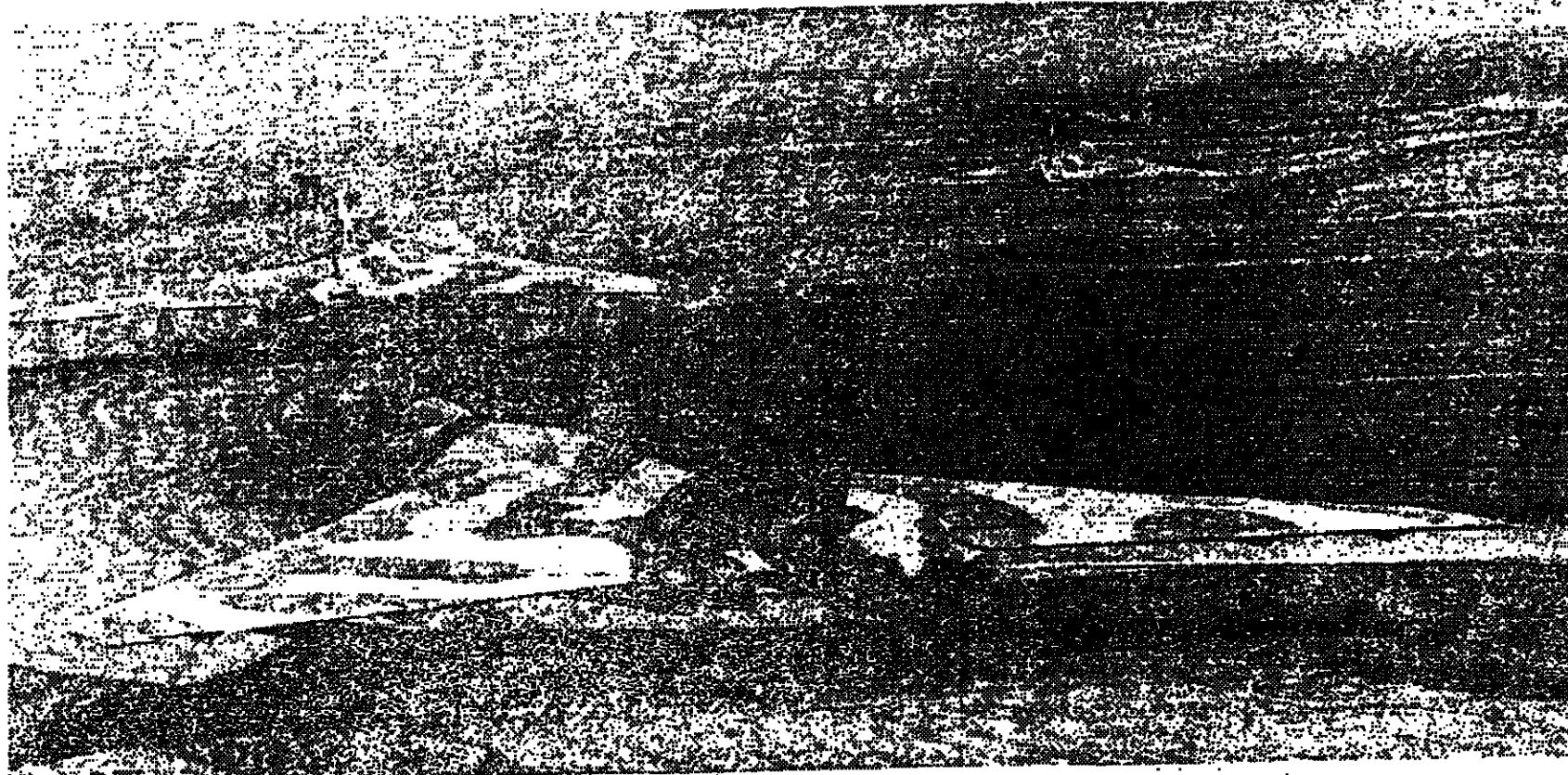
Mr Ray Buckton, general secretary of the Associated Society of Locomotive Engineers and Firemen, asked last night: "Why are British Rail putting so much emphasis on flexible rostering for drivers — which would only save a minuscule amount of money — when other matters like this require priority?"

The stumbling block is the refusal of the NUR to give up the guards even though the train makes him redundant. The union wants him to be retained with the title of "train superintendent" and given fresh duties such as the sale and inspection of tickets.

British Rail's negotiating of trains is regarded as particularly damaging because the Government views the St Pancras-Bedford scheme as a model for similar investment on other routes. But Mr Sidney Weighell, NUR general secretary, is regarded as having told management that the guards will be taken off the trains "over my dead body".

An NUR spokesman said yesterday that negotiations were continuing and there was no reason why the trains should not be brought into service immediately, "but they must be two-manned until agreement is reached."

Rail study, page 5



Six Vulcan bombers clearing the sky from RAF Scampton, Lincolnshire, yesterday before 27 Squadron, the last V-bomber unit at the base, disbanded next week. Five Vulcan squadrons still in service at RAF Waddington will be reequipped later this year with the supersonic Tornado.

MPs' rises based on parity proposed

By Philip Webster, Political Reporter

MPs would get a pay rise each November in line with the increases won by workers enjoying similar salary levels, under proposals put forward yesterday by the all-party Commons Select Committee on Members' Salaries.

But the twice-expressed wish of the Commons, in votes in 1975 and 1980, that the pay of MPs should be fully linked to other public service grades or occupations, thus ending the Top Salaries Review Body's role of making periodic independent reviews, was rejected by the committee.

Instead, in a report which some MPs were predicting last night would turn out to be controversial, the committee proposed that the review body should conduct an inquiry during the fourth year of each Parliament, with a view to the Government acting on its recommendations, but that in the intervening years salaries would be adjusted annually by reference to increases in comparable salaries. The recommended yardstick is the Department of Employment's annual survey of earnings.

The decision to go for the principle of "inflation linkage" rather than full linkage caused objections from a group of MPs, led by Mr George Cunningham, Independent Labour MP for Islington, South and

Cigarette tactics criticized

Continued from page 1

Mr David Simpson, director of Action on Smoking and Health (ASH), said: "This is a classic example of where the tobacco companies' interests really lie, and what their concerns are."

A spokesman for British American Tobacco said yesterday: "This is a policy being applied very vigorously these days."

The cigarette called Faci was marketed first on its safety value and then when it was rejected by the public marketed again on its taste aspect.

Jobless dip below 3m on eve of by-election

Continued from page 1

that unemployment in Britain alone (excluding Northern Ireland) will average 3,000,000 more in the coming financial year than in 1981-82. Most economic forecasters outside Whitehall predict a further slow rise in the jobless total.

Moreover, the level of jobless would be a good deal higher if it were not for various schemes introduced by the Government to keep the unemployed from registering. Some 27,000 older workers, employed for more than a year and claiming supplementary benefit, have opted for retirement.

At least a further 325,000 people are being kept off the register by special employment and training schemes.

How Roy deported himself in Hillhead

Continued from page 1

The evidence suggested that the voters were rather less pragmatic and high minded about the matter than the politicians. It was announced that Mr Jenkins had been through the open roof of a motor vehicle, would be drawn in some pomp around the constituency yesterday in a motorcade escorted by a detachment of half-breders and pikemen up from the crack moderate regiments of London. Here was a chance to see whether Hillhead shared Labour's doubts about Mr Jenkins's devotion to them, and whether he was ill-at-ease among the scores of cheering supporters.

Well, it can be reported now that Mr Jenkins's state visit to several shopping centres occasioned scenes of widespread responsive waving. Every now and then he would stop and walk among the people. There was little hostility. What Socialists never understand is that the citizenry has nothing against the traditional hereditary ruling class as such. To this it may be replied that Mr Jenkins is not a traditional hereditary ruler. But it is too late to start confusing people.

He was particularly devastating with older women.

THE TIMES INFORMATION SERVICE

Today's events

Royal engagements
The Queen opens new extension of the London Hospital, 3. Queen Elizabeth the Queen Mother, Colonel-in-Chief, attends luncheon given by Royal Army Medical Corps Headquarters, Millham, 12.45.

New exhibitions

Antique maps and sea charts, Beales, 36 Old Christ Church

The Pound

Australia \$ 1.38 1/2
Austria Sch 13.85
Belgium Fr 20.85
Canada \$ 1.38 1/2
Denmark Kr 16.46
Finland Mk 5.94
France Fr 16.46
Germany DM 3.36
Greece Dr 340.75
Hong Kong \$ 10.00
Ireland £ 1.27
Italy Lit 2,036.00
Japan ¥ 143.60
Netherlands G 2.20
Norway Kr 13.75
Portugal Esc 200.48
Spain Ptas 166.64
Sweden Kr 13.75
Switzerland Fr 2.20
Yugoslavia Dnr 136.00

The papers

The official number of unemployed has dropped slightly since last week. The underlying trend is still rising. "And various training and other schemes are being set up to help the jobless, though not in work, which the figures do not show," the paper adds.

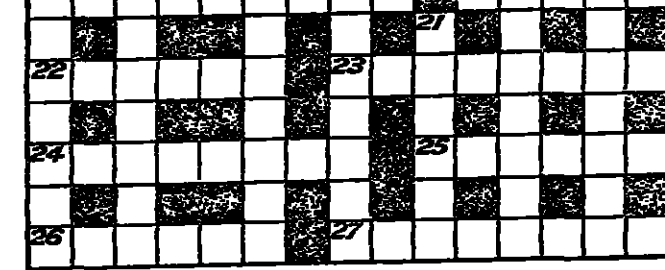
Weather

Pressure will remain high over S Britain but frontal troughs will approach NW Scotland.

High tides

London Bridge 1.02, 6.66, 12.28, 7.0
Aberdeen 12.28, 6.66, 12.28, 7.0
Aberdeen 12.28, 6.66, 12.28, 7.0

The Times Crossword Puzzle No 15,788



- ACROSS
- 1 Eccentric attempt to shoot (8)
 - 2 Make things — such as a scene (6)
 - 3 About 500 turn away to refer to notice (6)
 - 4 Same difficulty without certain suitable action (8)
 - 5 One who had great difficulties in the Tiber (8)
 - 6 Open, and ask in (5)
 - 7 Game-sounding fellow responsible for Bill (9)
 - 8 Case — one sort, perhaps, to send to Coventry (9)
 - 9 Puts together funds for vessel's return (5)
 - 10 Barman, when top, is classy (6)
 - 11 Question of disapproval. Answer: 24 across (4,4)
 - 12 Finer, maybe — or after one, not so fine (8)
 - 13 The best man — name in consideration (6)
 - 14 Alexander Greek baffled II Duke (6)
 - 15 Page, in flogging, is taking another's place (8)
- DOWN
- 1 Burns's love twice as colourful as this (3,4)

Answers to Puzzle 15,787

- 1 Eccentric attempt to shoot (8)
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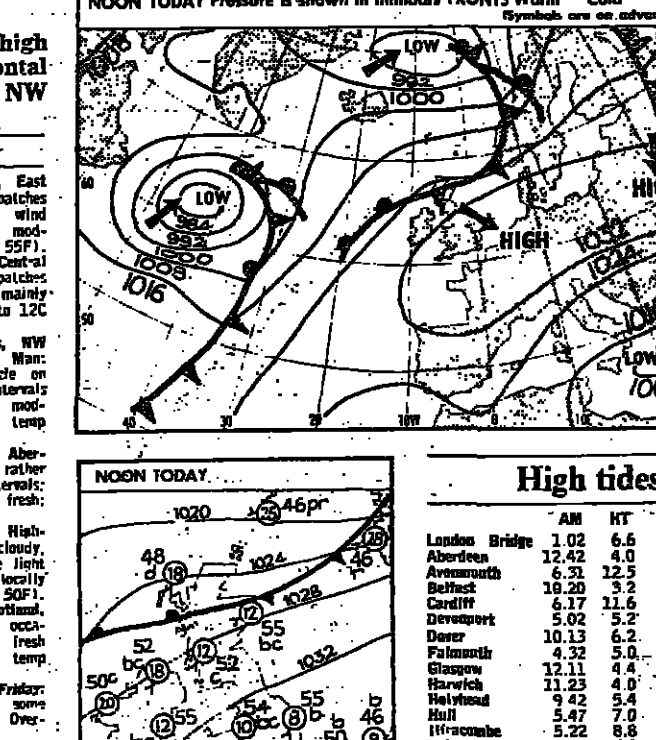
Parliament today

Commons (2.30): Civil Jurisdiction and Judgments Bill, second reading. Debate on CAP price controls for 1982-83. (2.30): Debate on law and order.

Anniversaries

William Morris was born at Walthamstow, 1833, and died at sea, 1916.

NOON TODAY



Around Britain

Area	Temp	Wind	Cloud
London	10.5	12	Sunny
Birmingham	10.5	12	Sunny
Manchester	10.5	12	Sunny
Edinburgh	10.5	12	Sunny
Cardiff	10.5	12	Sunny
Belfast	10.5	12	Sunny
Sheffield	10.5	12	Sunny
Nottingham	10.5	12	Sunny
Leeds	10.5	12	Sunny
Coventry	10.5	12	Sunny
Warwick	10.5	12	Sunny
Gloucester	10.5	12	Sunny
Bristol	10.5	12	Sunny
Exeter	10.5	12	Sunny
Cardiff	10.5	12	Sunny
Belfast	10.5	12	Sunny
Sheffield	10.5	12	Sunny
Nottingham	10.5	12	Sunny
Leeds	10.5	12	Sunny
Coventry	10.5	12	Sunny
Warwick	10.5	12	Sunny
Gloucester	10.5	12	Sunny
Bristol	10.5	12	Sunny
Exeter	10.5	12	Sunny

Abroad

Area	Temp	Wind	Cloud
Paris	10.5	12	Sunny
London	10.5	12	Sunny
Edinburgh	10.5	12	Sunny
Cardiff	10.5	12	Sunny
Belfast	10.5	12	Sunny
Sheffield	10.5	12	Sunny
Nottingham	10.5	12	Sunny
Leeds	10.5	12	Sunny
Coventry	10.5	12	Sunny
Warwick	10.5	12	Sunny
Gloucester	10.5	12	Sunny
Bristol	10.5	12	Sunny
Exeter	10.5	12	Sunny
Cardiff	10.5	12	Sunny
Belfast	10.5	12	Sunny
Sheffield	10.5	12	Sunny
Nottingham	10.5	12	Sunny
Leeds	10.5	12	Sunny
Coventry	10.5	12	Sunny
Warwick	10.5	12	Sunny
Gloucester	10.5	12	Sunny
Bristol	10.5	12	Sunny
Exeter	10.5	12	Sunny